

AVONDALE DWG NO C3-222 29-01-022		REV C
CAGE 94421	COMSC DWG NO 085-6975805	
	GENERAL NOTES	
1.	SOUNDING TUBE DESCRIPTIONS PENDING INSTALLATION.	
NO	DESCRIPTION	
	RESERVATIONS	

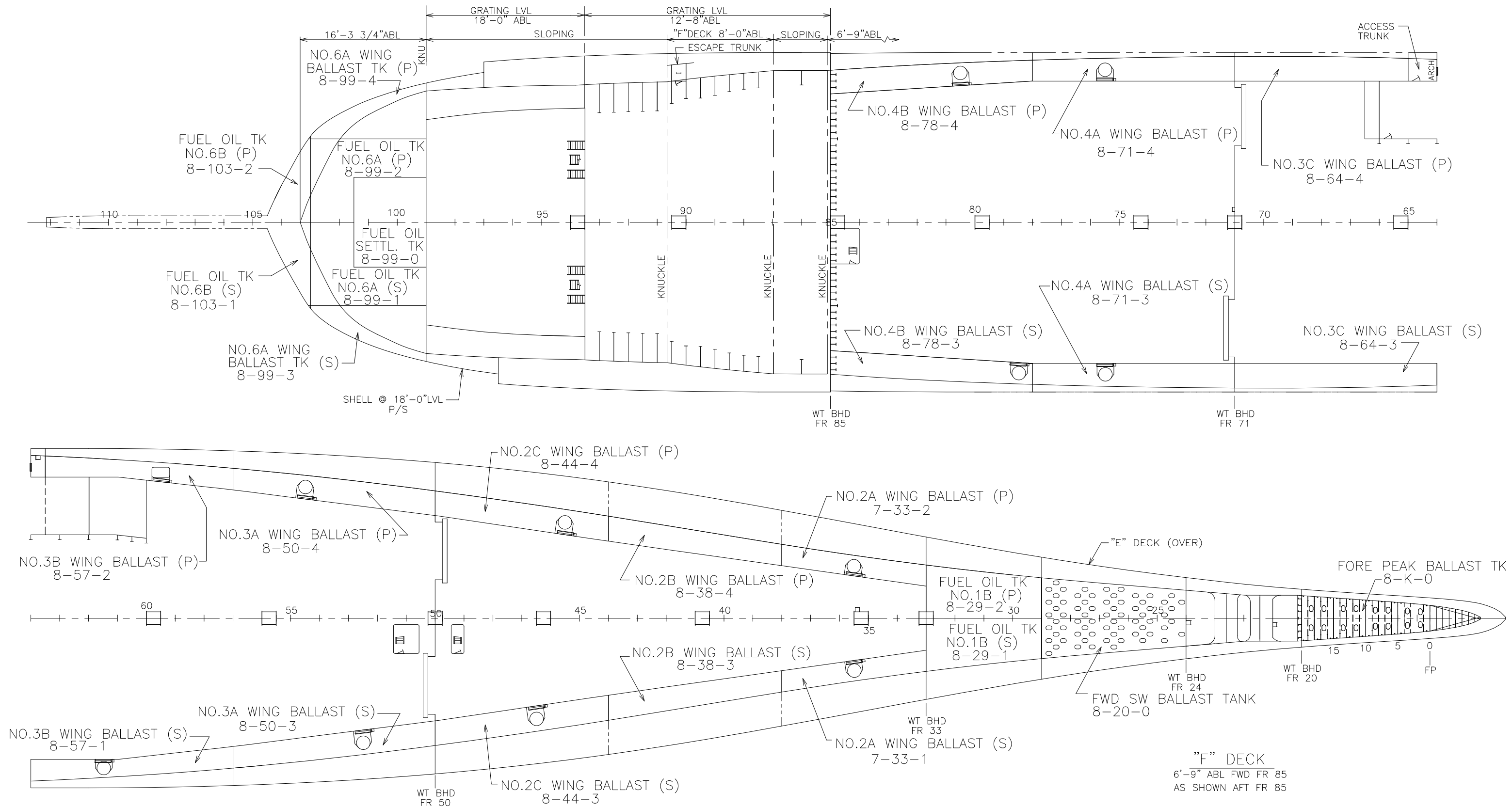
UNIT:				CDRL: B031-3			
DISTRIBUTION STATEMENT APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.		THIS DWG INCORPORATES THE FOLLOWING CHANGE ORDERS					
		HMR	HMR	HMR	FMR	FMR	FMR
2374	FISHER						
AVONDALE NO	VESSEL		AVONDALE NO	VESSEL			
 P O BOX 50280 NEW ORLEANS LA 70150-0280 CAGE 1CC97		AVONDALE JOB NO C3-222					
		COMMANDER MILITARY SEALIFT COMMAND WASHINGTON, D.C. 20398-5100					
CONTRACT NUMBER N00024-93-C-2205		T-AKR 300 STRATEGIC SEALIFT SHIP TANK CAPACITY CURVES (T-AKR 301 ONLY)					
DRAWN DATE A.R. 9/26/97							
CHECKED W.S. 9/26/97							
APVD							
D.F.N. 9/26/97		B	AVONDALE DWG NO C3-222 29-01-022		REV C		
APVD			CAGE 94421	DWG NO COMSC 085-6975805			
A.E.R 9/26/97			SCALE		SH NO 1 OF 76		

[illegible]

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SH NO	TITLE				SH NO	TITLE				SH NO	TITLE				
31	NO 4B WING BALLAST TANK S 8-78-3				66	CSA WASTE OIL TANK 8-87-2									
32	NO 6A WING BALLAST TANK P/S 8-99-4/3				67	CSA OILY WASTE HOLDING TANK 8-87-4									
33	NO 6B WING BALLAST TANK P/S 8-103-4/3				68	ENGINE ROOM WASTE OIL TANK 8-94-2									
34	NO 6D SW BALLAST TANK P/S 8-109-2/1				69	ENGINE ROOM OILY WASTE HOLDING TANK 8-93-2									
35	AFT PEAK BALLAST TANK P/S 8-113-2/1				70	OILY WASTE DRAIN COLLECTING TANK 7.5-86-2									
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37	POTABLE WATER TANK NO 1 5-95-7				72	FUEL OIL OVERFLOW TANK 8-93-1									
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41	FUEL OIL TANK NO 1B P/S 8-29-2/1				76	FIXED BALLAST TANK 8-57-0									
42	FUEL OIL TANK NO 2A P/S 8-33-2/1														
43	FUEL OIL TANK NO 2B P/S 8-38-2/1														
44	FUEL OIL TANK NO 2C P/S 8-44-2/1														
45	FUEL OIL TANK NO 3A P/S 8-50-2/1														
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48	FUEL OIL TANK NO 4B P/S 8-78-2/1														
49	FUEL OIL TANK NO 6A P/S 8-99-2/1														
50	FUEL OIL TANK NO 6B P/S 8-103-2/1														
51	FUEL OIL TANK NO 6C P/S 8-106-2/1														
52	SSDG FUEL OIL SERVICE TANK 6.5-99-1														
53	FUEL OIL SETTLING TANK 8-99-0														
54	FUEL OIL SERVICE TANK P 6.5-85-2														
55	FUEL OIL SERVICE TANK S 6.5-85-1														
56	EM GEN FO SERVICE TANK 02.5-103-1														
57	ME/SSDG LO STORAGE TANK P 6.5-91-2														
58	ME/SSDG LO STORAGE TANK S 6.5-90-1														
59	ME/SSDG LO SETTLING TANK P 6.5-93-2														
60	CPP LO STORAGE TANK 5-93-2														
61	CPP LO SETTLING TANK 5-95-3							REVISIONS			SIZE B	AVONDALE DWG NO		REV B	
62	RG LO STORAGE TANK 5-92-2											C3-222 29-01-022			
63	RG LO SETTLING TANK 5-95-5											CAGE	DWG NO		
64	ME LO SUMP TANK P/S 7.5-86-4/1											94421	COMSC 085-6975805		
65	ME LO SUMP TANK P/S 7.5-86-6/3														
												SH NO 3			

GENERAL NOTES							GENERAL NOTES (CONT'D)																																																
1. THE TANK CAPACITY DATA PRESENTED IN THIS BOOKLET ARE BASED ON A ZERO TRIM AND LIST CONDITION OF THE VESSEL. 2. THE CALCULATIONS INCLUDE A 2% DEDUCTION VALUE FOR ITEMS SUCH AS STRUCTURE, PIPING AND OUTFITTING LOCATED WITHIN THE BOUNDARIES. THESE DEDUCTIONS WERE APPLIED UNIFORMLY OVER THE DEPTH OF THE TANK. 3. FOR SIMPLICITY, ANY SYMMETRICAL (PORT & STBD) TANKS ARE DESIGNATED AS "P OR S" ON THE HEADING OF THEIR RESPECTIVE CURVE PLOTS. THE DATA PROVIDED IN SUCH PLOTS ARE FOR EITHER PORT OR STBD TANKS. HOWEVER, VALUES FOR EACH TANK ARE LISTED IN THE TANK SUMMARY TABLES. 4. THE REFERENCE PLANES USED IN THE CURVES ARE AS FOLLOWS: A) VERTICAL: BOTTOM OF THE KEEL = 0.07' BELOW BASELINE. B) LONGITUDINAL: FWD PERPENDICULAR = 0.00' FROM FRAME 0 C) TRANSVERSE: LONGITUDINAL CENTERLINE = PORT IS POSITIVE, STARBOARD IS NEGATIVE. NOTE: THE TCG VALUES SHOWN ON THE CURVES FOR SYMMETRICAL (P & S) TANKS ARE SHOWN AS POSITIVE VALUES. IF A SYMMETRICAL PAIR OF TANKS ARE USED INDIVIDUALLY, SIMPLY USE A NEGATIVE TCG VALUE FOR THE STARBOARD TANK. 5. THE FOLLOWING CONVERSION FACTORS MAY BE USEFUL: <table><tr><th>DIVIDE</th><th>BY</th><th>TO OBTAIN</th></tr><tr><td>GALLONS</td><td>261.835</td><td>LONG TONS SALT WATER</td></tr><tr><td>GALLONS</td><td>269.316</td><td>LONG TONS FRESH WATER</td></tr><tr><td>GALLONS</td><td>316.596</td><td>LONG TONS DFM</td></tr><tr><td>GALLONS</td><td>291.759</td><td>LONG TONS LUBE OIL</td></tr><tr><td>GALLONS</td><td>7.481</td><td>CUBIC FEET</td></tr></table>							DIVIDE	BY	TO OBTAIN	GALLONS	261.835	LONG TONS SALT WATER	GALLONS	269.316	LONG TONS FRESH WATER	GALLONS	316.596	LONG TONS DFM	GALLONS	291.759	LONG TONS LUBE OIL	GALLONS	7.481	CUBIC FEET	5. CONVERSION FACTORS CONTINUED: <table><tr><th>MULTIPLY</th><th>BY</th><th>TO OBTAIN</th></tr><tr><td>LONG TONS</td><td>2240</td><td>POUNDS</td></tr><tr><td>LONG TONS</td><td>1.12</td><td>SHORT TONS</td></tr><tr><td>LONG TONS</td><td>1.016</td><td>METRIC TONS</td></tr><tr><td>LONG TONS SW</td><td>35.00</td><td>CUBIC FEET</td></tr><tr><td>LONG TONS FW</td><td>36.00</td><td>CUBIC FEET</td></tr><tr><td>LONG TONS DFM</td><td>42.32</td><td>CUBIC FEET</td></tr><tr><td>LONG TONS LO</td><td>39.00</td><td>CUBIC FEET</td></tr></table> 6. ALL CURVES EXCEPT THE VCG CURVE ARE TO BE READ AS FOLLOWS: DETERMINE THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE, READ ACROSS TO THE DESIRED CURVE, THEN READ UP OR DOWN TO THE APPROPRIATE SCALE. THE VCG CURVE IS READ BY FIRST DETERMINING THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE AND THEN READ ACROSS TO THE CAPACITY CURVE. NEXT, READ DOWN TO THE VCG CURVE AND THEN BACK TO THE "HEIGHT ABOVE KEEL" SCALE. THE CONVERSION OF CURVE READINGS IS DETERMINED BY USING THE CORRESPONDING SCALING VALUES IN THE LOWER RIGHT CORNER OF EACH PLOT.							MULTIPLY	BY	TO OBTAIN	LONG TONS	2240	POUNDS	LONG TONS	1.12	SHORT TONS	LONG TONS	1.016	METRIC TONS	LONG TONS SW	35.00	CUBIC FEET	LONG TONS FW	36.00	CUBIC FEET	LONG TONS DFM	42.32	CUBIC FEET	LONG TONS LO	39.00	CUBIC FEET
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REVISIONS <table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="2">SIZE B</td><td colspan="2">AVONDALE DWG NO C3-222 29-01-022</td><td>REV B</td></tr><tr><td colspan="2">CAGE 94421</td><td colspan="4">DWG NO COMSC 085-6975805</td></tr><tr><td colspan="7"></td><td></td><td></td><td>SH NO 4</td></tr></table>														SIZE B	AVONDALE DWG NO C3-222 29-01-022		REV B	CAGE 94421		DWG NO COMSC 085-6975805													SH NO 4																						
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										REVISIONS											
										REV	SH ZN	DESCRIPTION									
										A	39 40	1. REVISED RESERVE FEED WATER TANK 5-91-1 TO CORRECT. 2. REVISED DISTILLED WATER TANK 4.5-91-1 TO CORRECT. 3. REVISED THE FOLLOWING TANK DESIGNATIONS:									
												FROM TO									
											56	EM GEN FO SERVICE TK.		02-103-1		02.5-103-1					
											64	ME LO. SUMP TK P		7.5-86-2		7.5-86-4					
											65	ME LO. SUMP TK P		7.5-86-4		7.5-86-6					
											70	OILY WASTE DRAIN COLL. TK		8-86-2		7.5-86-2					
										3,6, 10,11 & 12	REVISED INDEX, KEY PLAN & SUMMARIES TO REFLECT DESIGNATION CHANGES.										
																BY: A.R. 12/16/97 APVD: D.F.N. 12/16/97					
										B	ALL	1. ADDED SOUNDING TUBE DESCRIPTIONS AND RELEASED RESERVATION NO 1.									
						BY: A.R. 12/14/98 APVD: D.F.N. 12/14/98															
C	16 17 18	1. REVISED SOUNDING TUBE DESCRIPTIONS SHOWN FOR TANKS 6-24-1, 7-33-1 AND 7-33-2 TO ARGEE WITH THE REVISED STRIKING PLATE HEIGHTS.																			
							BY: A.R. 4/22/99 APVD: DFN 4/28/99														
										REVISIONS					SIZE B	AVONDALE DWG NO C3-222 29-01-022					REV C
																CAGE 94421		DWG NO COMSC 085-6975805			
																					SH NO 5



KEY PLAN

REVISIONS	SIZE B	AVONDALE DWG NO C3-222 29-01-022		REV B
		CAGE 94421	DWG NO COMSC 085-6975805	
			SH NO 7	

BALLAST TANK SUMMARY							
TANK	FRAME	CAPACITY 100% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
FOREPEAK	8-K-0	STEM-20	326785	36.98	18.54	0.00	9415.0
FWD SW BALLAST TK	8-20-0	20-29	134879	9.55	95.19	-0.02	3338.7
NO 1 WING BALLAST TK P	6-24-2	24-33	52493	24.68	120.74	19.24	718.4
NO 1 WING BALLAST TK S	6-24-1	24-33	54265	24.49	120.19	-19.12	719.5
NO 2A WING BALLAST TK P	7-33-2	33-38	74305	18.85	180.34	24.95	515.4
NO 2A WING BALLAST TK S	7-33-1	33-38	74749	18.75	180.32	-24.88	533.5
NO 2B WING BALLAST TK P	8-38-4	38-44	108367	17.62	228.83	31.90	887.6
NO 2B WING BALLAST TK S	8-38-3	38-44	108367	17.62	228.83	-31.90	887.6
NO 2C WING BALLAST TK P	8-44-4	44-50	103007	15.61	283.22	37.61	802.7
NO 2C WING BALLAST TK S	8-44-3	44-50	102877	15.58	282.90	-37.63	764.8
NO 3A WING BALLAST TK P	8-50-4	50-57	124786	13.78	341.87	41.46	816.0
NO 3A WING BALLAST TK S	8-50-3	50-57	122339	13.57	341.65	-41.41	816.0
NO 3B WING BALLAST TK P	8-57-2	57-64	121702	11.13	403.27	42.28	1786.4
NO 3B WING BALLAST TK S	8-57-1	57-64	127398	11.27	404.93	-42.61	1786.4
NO 3C WING BALLAST TK P	8-64-4	64-71	103286	6.44	469.27	40.92	2414.6
NO 3C WING BALLAST TK S	8-64-3	64-71	108876	6.73	467.80	-41.29	2414.6
NO 4A WING BALLAST TK P	8-71-4	71-78	143013	11.15	530.14	43.28	2350.3
NO 4A WING BALLAST TK S	8-71-3	71-78	144204	11.15	530.12	-43.33	2350.3
NO 4B WING BALLAST TK P	8-78-4	78-85	137277	11.83	593.94	42.85	1839.0
NO 4B WING BALLAST TK S	8-78-3	78-85	138709	11.87	594.35	-42.90	1839.0
NO 6A WING BALLAST TK P	8-99-4	99-103	79092	24.73	767.41	36.11	1330.7
NO 6A WING BALLAST TK S	8-99-3	99-103	79092	24.73	767.41	-36.11	1330.7
NO 6B WING BALLAST TK P	8-103-4	103-106	33054	27.07	799.08	34.53	682.5
NO 6B WING BALLAST TK S	8-103-3	103-106	33054	27.07	799.08	-34.53	682.5
NO 6D SW BALLAST TK P	8-109-2	109-113	36960	30.62	857.13	12.12	1714.8
NO 6D SW BALLAST TK S	8-109-1	109-113	36960	30.62	857.13	-12.12	1714.8
AFT PEAK BALLAST TK P	8-113-2	113-117	92901	39.83	893.02	19.17	6929.8
AFT PEAK BALLAST TK S	8-113-1	113-117	92901	39.83	893.02	-19.17	6929.8
TOTALS			2895698	19.07	404.32	-0.21	58311.4

FRESH WATER TANK SUMMARY							
TANK	FRAME	CAPACITY 100% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
POTABLE WATER TANK NO 1	5-95-7	94-99	12706	38.90	729.75	-44.26	4.1
POTABLE WATER TANK NO 2	5-95-9	94-99	15827	38.94	729.07	-48.17	8.1
RESV FEED WATER TANK	5-91-1	91-92	2513	35.91	683.50	-47.21	5.5
DIST WATER TANK	4.5-91-1	91-92	2513	41.98	683.50	-47.21	5.5
TOTALS			33559	38.93	722.69	-46.54	23.2

LIST CONTROL TANK SUMMARY						
TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
LIST CONTROL TANK P 6-64-2	64-71	42076	23.48	467.50	49.46	48.7
LIST CONTROL TANK S 6-64-1	64-71	42076	23.48	467.50	-49.46	48.7
TOTALS		84152	23.48	467.50	0.00	97.4

FIXED BALLAST TANK SUMMARY						
TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FIXED BALLAST TANK 8-57-0	57-64	162126	3.45	404.50	0.0	0.0
TOTALS		162126	3.45	404.50	0.0	0.0

REVISIONS							SIZE B	AVONDALE DWG NO C3-222 29-01-022		REV B
								CAGE 94421	DWG NO COMSC 085-6975805	
									SH NO	11

FUEL OIL TANK SUMMARY												
TANK						FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)
									VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FUEL OIL TANK NO 1B P 8-29-2						29-33	66501	65173	9.95	139.78	8.43	757.3
FUEL OIL TANK NO 1B S 8-29-1						29-33	66501	65173	9.95	139.78	-8.43	757.3
FUEL OIL TANK NO 2A P 8-33-2						33-38	30620	30007	3.96	180.92	7.52	679.7
FUEL OIL TANK NO 2A S 8-33-1						33-38	30620	30007	3.96	180.92	-7.52	679.7
FUEL OIL TANK NO 2B P 8-38-2						38-44	48679	47705	3.65	230.86	9.48	915.9
FUEL OIL TANK NO 2B S 8-38-1						38-44	48679	47705	3.65	230.86	-9.48	915.9
FUEL OIL TANK NO 2C P 8-44-2						44-50	60550	59337	3.46	284.21	11.45	1349.7
FUEL OIL TANK NO 2C S 8-44-1						44-50	60550	59337	3.46	284.21	-11.45	1349.7
FUEL OIL TANK NO 3A P 8-50-2						50-57	80829	79212	3.39	341.56	12.97	2136.6
FUEL OIL TANK NO 3A S 8-50-1						50-57	80829	79212	3.39	341.56	-12.97	2136.6
FUEL OIL TANK NO 3C P 8-64-2						64-71	81063	79442	3.38	467.50	13.00	2136.6
FUEL OIL TANK NO 3C S 8-64-1						64-71	81063	79442	3.38	467.50	-13.00	2136.6
FUEL OIL TANK NO 4A P 8-71-2						71-78	81063	79442	3.38	530.50	13.00	2136.6
FUEL OIL TANK NO 4A S 8-71-1						71-78	81063	79442	3.38	530.50	-13.00	2136.6
FUEL OIL TANK NO 4B P 8-78-2						78-85	80921	79303	3.38	593.45	12.98	2126.2
FUEL OIL TANK NO 4B S 8-78-1						78-85	80921	79303	3.38	593.45	-12.98	2126.2
FUEL OIL TANK NO 6A P 8-99-2						99-103	75747	74232	23.02	771.74	16.07	705.8
FUEL OIL TANK NO 6A S 8-99-1						99-103	75747	74232	23.02	771.74	-16.07	705.8
FUEL OIL TANK NO 6B P 8-103-2						103-106	65123	63821	25.04	799.72	12.60	915.7
FUEL OIL TANK NO 6B S 8-103-1						103-106	65123	63821	25.04	799.72	-12.60	915.7
FUEL OIL TANK NO 6C P 8-106-2						106-109	57393	56245	27.61	825.97	17.25	4225.2
FUEL OIL TANK NO 6C S 8-106-1						106-109	57393	56245	27.61	825.97	-17.25	4225.2
SSDG FO SERVICE TANK 6.5-99-1						99-101	12010	11770	28.26	760.00	-7.00	95.3
FUEL OIL SETTLING TANK 8-99-0						99-102	76446	74917	20.76	762.17	1.03	953.2
FUEL OIL SERVICE TK P 6.5-85-2						85-90	30837	30221	27.72	647.49	48.45	61.4
FUEL OIL SERVICE TK S 6.5-85-1						85-90	27764	27209	27.72	645.25	-48.45	55.3
EM GEN FO SERVICE TK 02.5-103-1						102-103	2566	2515	120.49	785.12	-8.00	5.2
TOTALS							1606601	1574470	11.40	512.14	0.08	37341.0

LUBE OIL TANK SUMMARY											
TANK					FRAME	CAPACITY 100% FULL (GALLONS)	CAPACITY 98% FULL (GALLONS)	CENTERS @ 98%			MAX FREE SURF (FT-LT)
								VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
ME/SSDG LO STORAGE TK P 6.5-91-2					91-93	15237	14933	27.76	685.72	48.40	33.2
ME/SSDG LO STORAGE TK S 6.5-90-1					90-94	27389	26852	27.77	685.63	-48.39	59.9
ME/SSDG LO SETTLING TK P 6.5-93-2					93-94	5990	5870	27.81	701.49	48.33	13.3
CPP LO STORAGE TANK 5-93-2					93-94	2765	2710	38.83	701.50	51.12	0.9
CPP LO SETTLING TANK 5-95-3					94-95	587	575	35.52	710.50	-16.00	0.5
RG LO STORAGE TANK 5-92-2					92-93	2776	2721	38.83	692.50	51.12	0.9
RG LO SETTLING TANK 5-95-5					94-95	1408	1380	36.99	710.50	-21.00	1.8
ME LO SUMP TK S 7.5-86-1					86-89	5664	5551	8.14	643.36	-11.00	11.9
ME LO SUMP TK P 7.5-86-4					86-89	5664	5551	8.14	643.36	11.00	11.9
ME LO SUMP TK S 7.5-86-3					86-89	5659	5546	8.14	643.36	-28.17	11.9
ME LO SUMP TK P 7.5-86-6					86-89	5659	5546	8.14	643.36	28.17	11.9
TOTALS						78798	77235	23.13	676.13	-0.69	158.1

MISCELLANEOUS TANK SUMMARY								
TANK	FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)	
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
CSA WASTE OIL TANK	8-87-2	86-89	9067	8886	4.23	647.31	19.54	18.0
CSA OILY WASTE HOLDING TANK	8-87-4	87-88	2073	2031	5.03	647.36	35.61	2.6
ENGINE ROOM WASTE OIL TANK	8-94-2	94-97	8199	8035	8.77	714.88	4.04	23.2
ENGINE ROOM OILY WASTE HOLDING TK	8-93-2	93-94	2418	2369	7.14	700.33	4.04	7.0
OILY WASTE DRAIN COLLECTING TANK	7.5-86-2	86-87	627	615	5.97	636.26	3.00	1.9
USED OIL TANK	8-93-3	93-96	26453	25917	8.47	709.13	-21.09	1041.8
FO OVERFLOW TANK	8-93-1	93-96	8209	8045	8.03	708.11	-4.04	23.2
STERN TUBE LO DRAIN TANK P	7.5-97-2	97-98	103	101	11.23	734.13	17.58	0.3
STERN TUBE LO DRAIN TANK S	7.5-97-1	97-98	103	101	11.23	734.13	-17.58	0.3
VCHT TANK	2.5-91-2	91-92	2352	2305	67.26	681.01	45.17	5.5
WASTE WATER TANK	2.5-94-2	94-95	11707	11473	70.33	708.05	44.25	10.9
TOTALS			71311	69878	21.82	698.27	6.19	1134.7

REVISIONS							SIZE B	AVONDALE DWG NO C3-222 29-01-022				REV B
								CAGE 94421	DWG NO COMSC 085-6975805			
										SH NO	12	

TANK: FOREPEAK BALLAST TANK 8-K-0

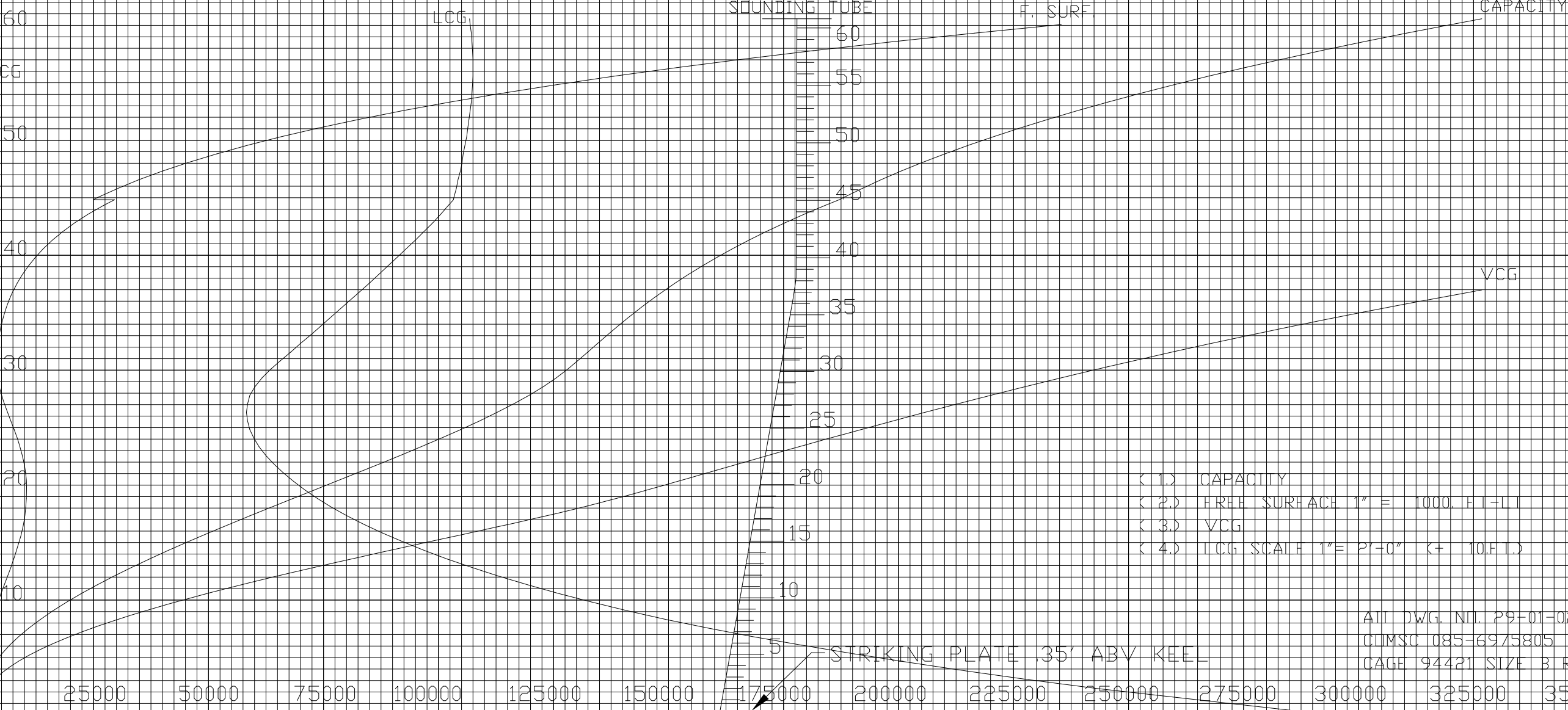
HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

90	FRAMES	STEM-20	TOP OF TANK = 60.57 FT ABOVE KEEL				BOTTOM OF TANK = 0.07 FT ABOVE KEEL			
	CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT	SOUNDING TUBE TERMINATES @ 70' FLAT 7.00' PORT 58' FWD FR 15			
80	100% FULL	326785.	36.98	18.54	0.00	MAXIMUM				
						9415.0				

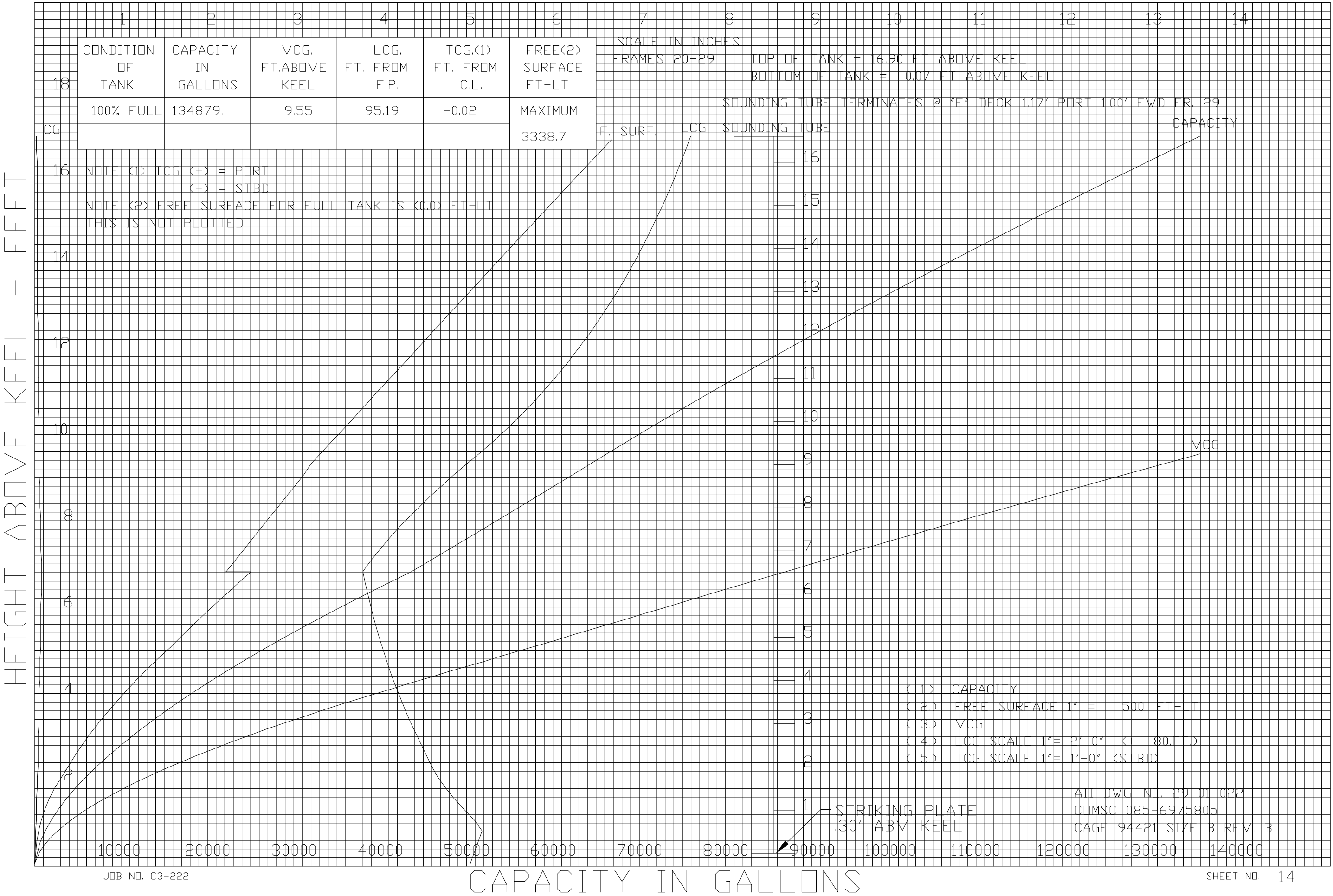
NOTE (1) SYMMETRICAL TANK (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
TCG = 0 AT ALL LEVELS THIS VALUE IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1000 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 10 FT.)

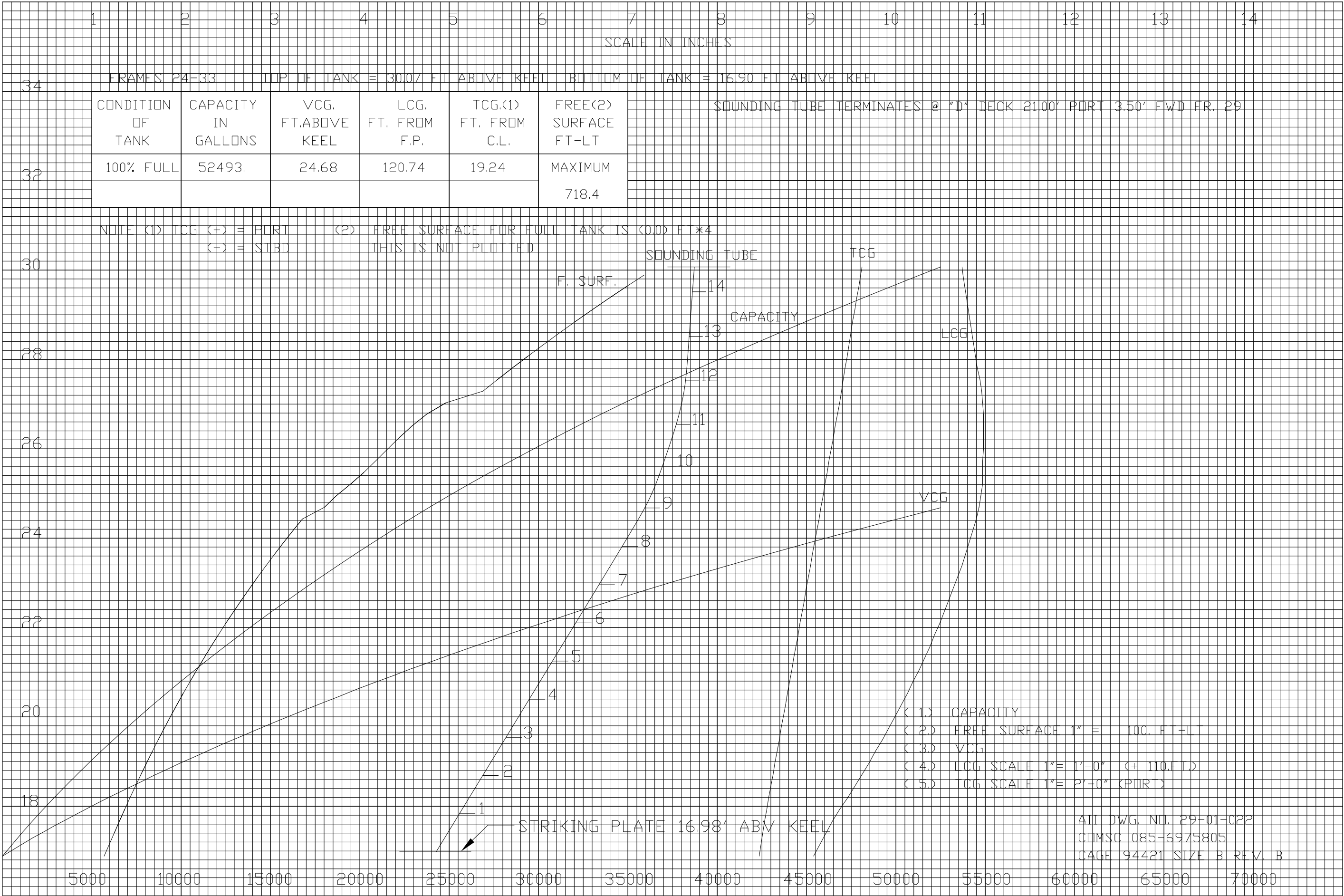
ALL DWG. NO. 29-01-022
CLIMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FWD SW BALLAST TANK 8-20-0



TANK: NO 1 WING BALLAST TANK P 6-24-2

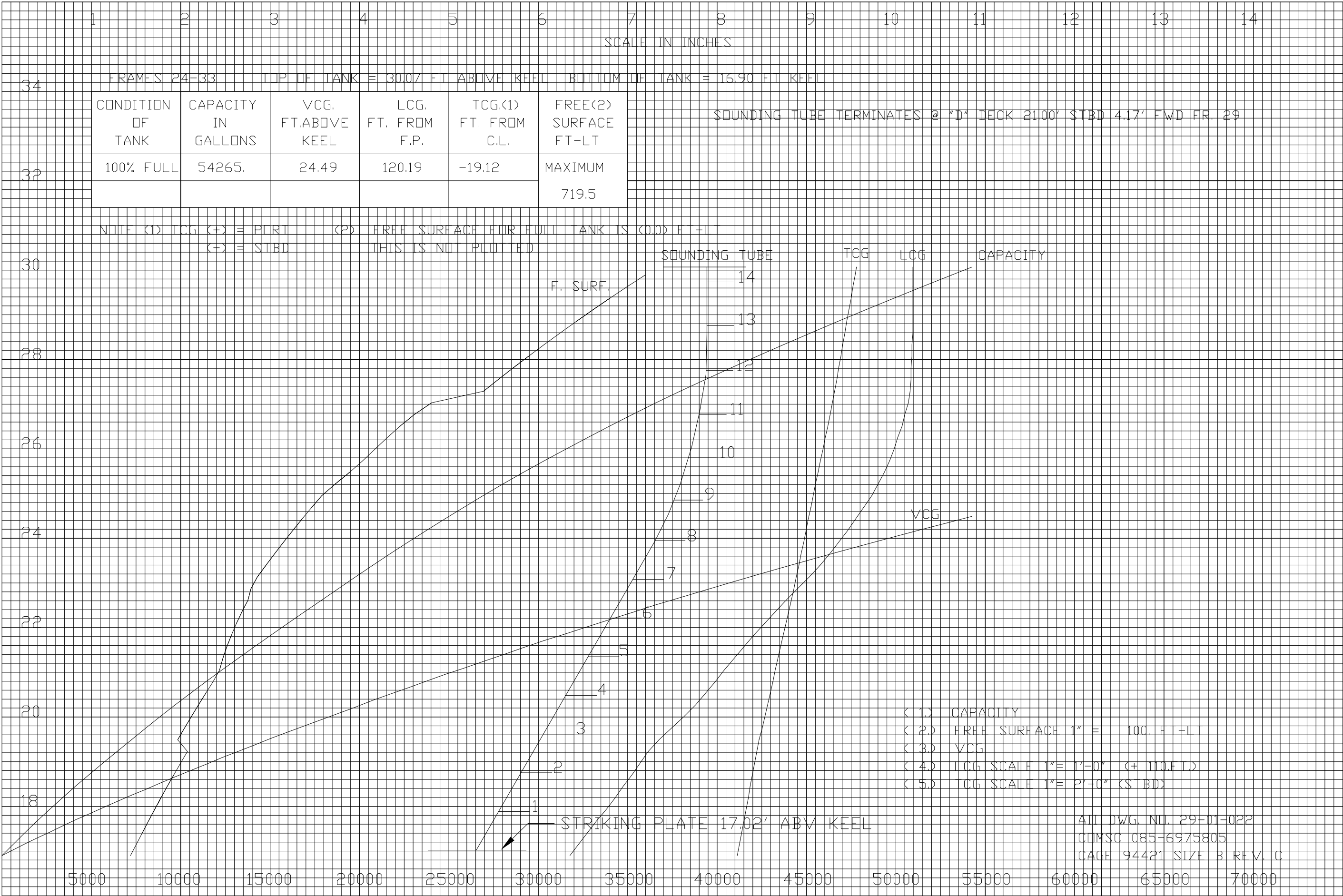
HEIGHT ABOVE KEEL - FEET



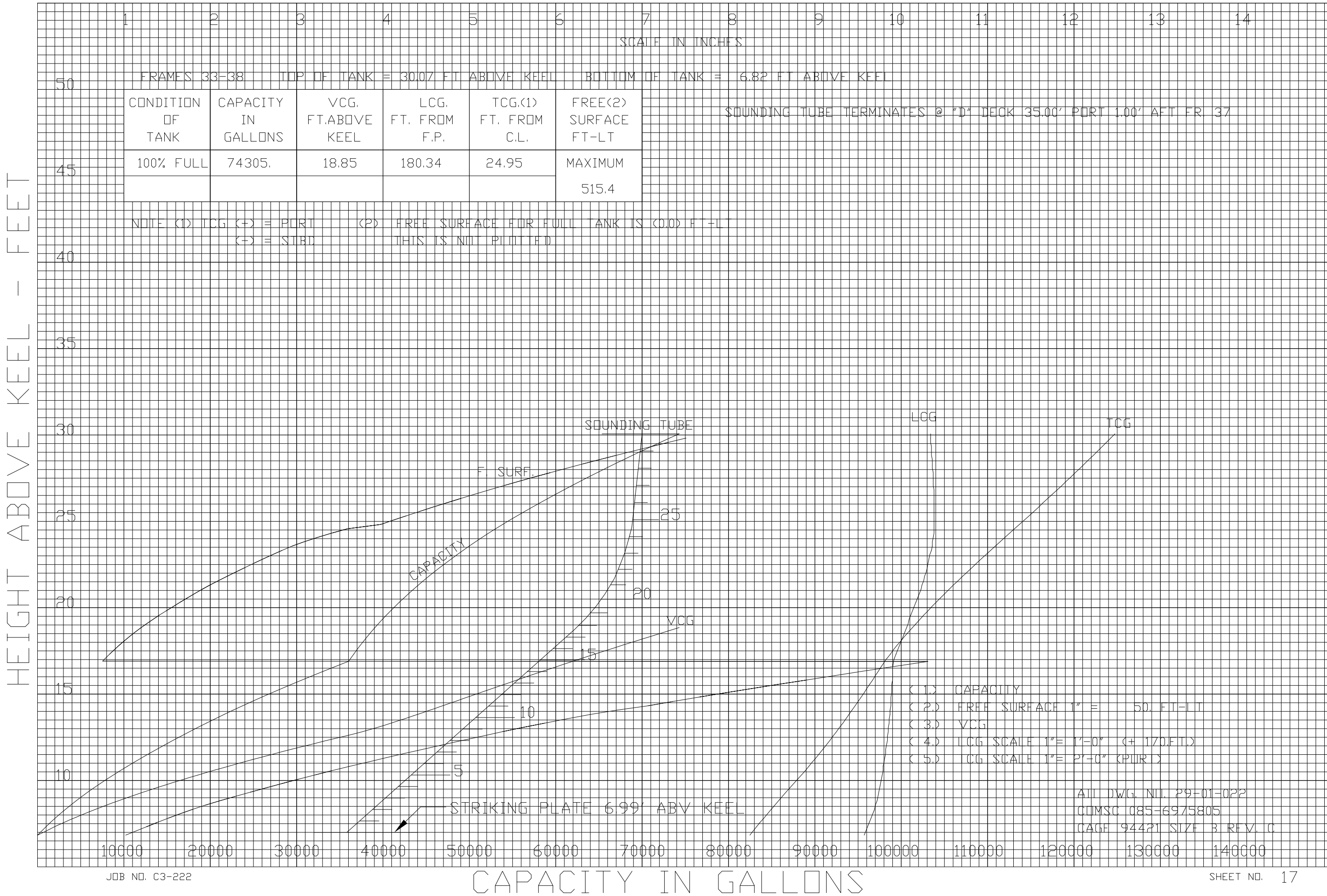
CAPACITY IN GALLONS

TANK: NO 1 WING BALLAST TANK S 6-24-1

HEIGHT ABOVE KEEL - FEET



TANK: NO 2A WING BALLAST TANK P 7-33-2



TANK: NO 2A WING BALLAST TANK S 7-33-1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

50

FRAMES 33-38

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 6.82 FT ABOVE KEEL

45

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	74749.	18.75	180.32	-24.88	MAXIMUM
					533.5

SOUNDING TUBE TERMINATES @ "D" DECK 35.00' STBD 100' AFT FR 37

40

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

35

30

25

20

15

10

SOUNDING TUBE

F. SURF.

CAPACITY

VCG

LCG

TCG

- (1.) CAPACITY
- (2.) FREE SURFACE 1" = 50. FT-LT
- (3.) VCG
- (4.) LCG SCALE 1"= 1'-0" (+ 1/2 FT.)
- (5.) TCG SCALE 1"= 2'-0" (STBD)

STRIKING PLATE 6.94' ABV KEEL

ATT DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. C

TANK: NO 2B WING BALLAST TANK P OR S 8-38-4/3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

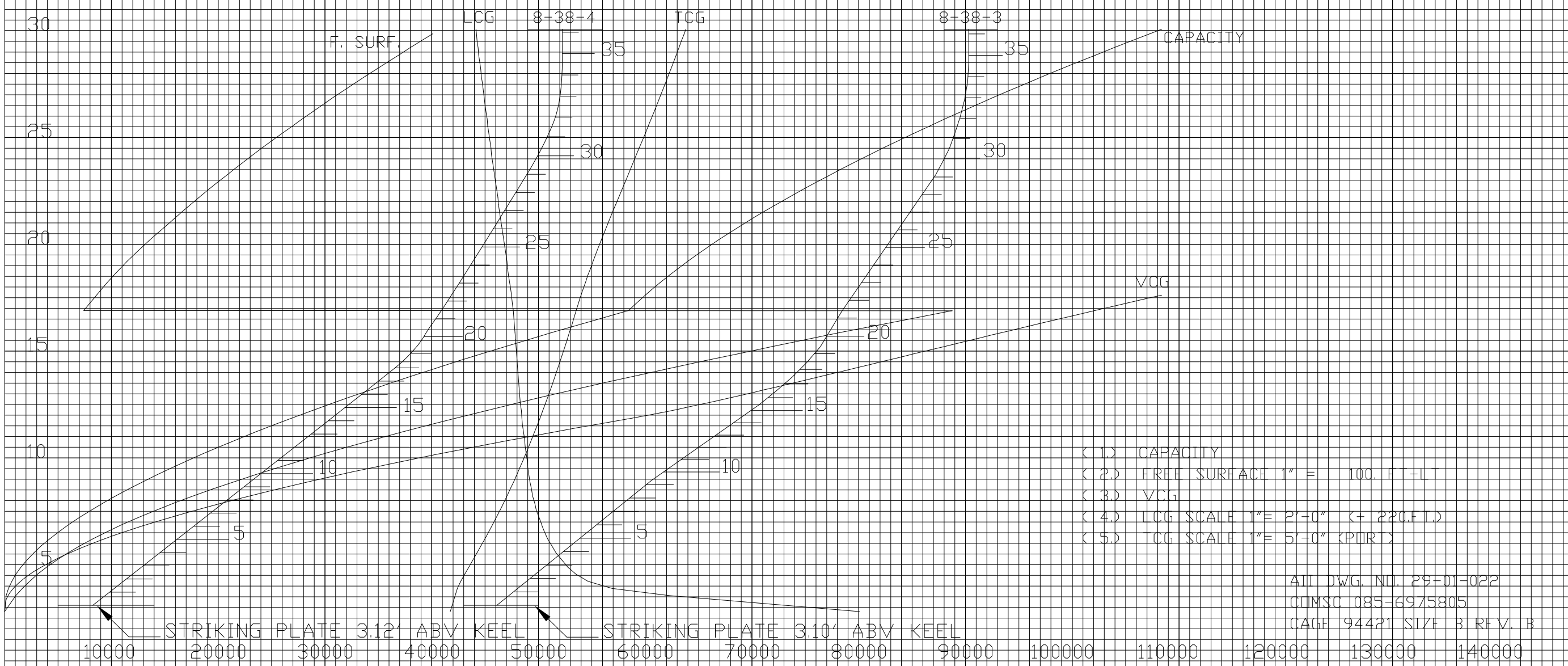
FRAMES 38-44 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 2.89 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	108367.	17.62	228.83	31.90	MAXIMUM
					887.6

NOTE <1> TCG (+) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ "D" DECK 45.16' PORT 83' AFT FR. 43

SOUNDING TUBE TERMINATES @ "D" DECK 45.16' STBD 83' AFT FR. 43



- < 1. > CAPACITY
- < 2. > FREE SURFACE 1" = 100. FT-LT
- < 3. > VCG
- < 4. > LCG SCALE 1"= 2'-0" (<+ 220.FT.)
- < 5. > TCG SCALE 1"= 5'-0" (PORT)

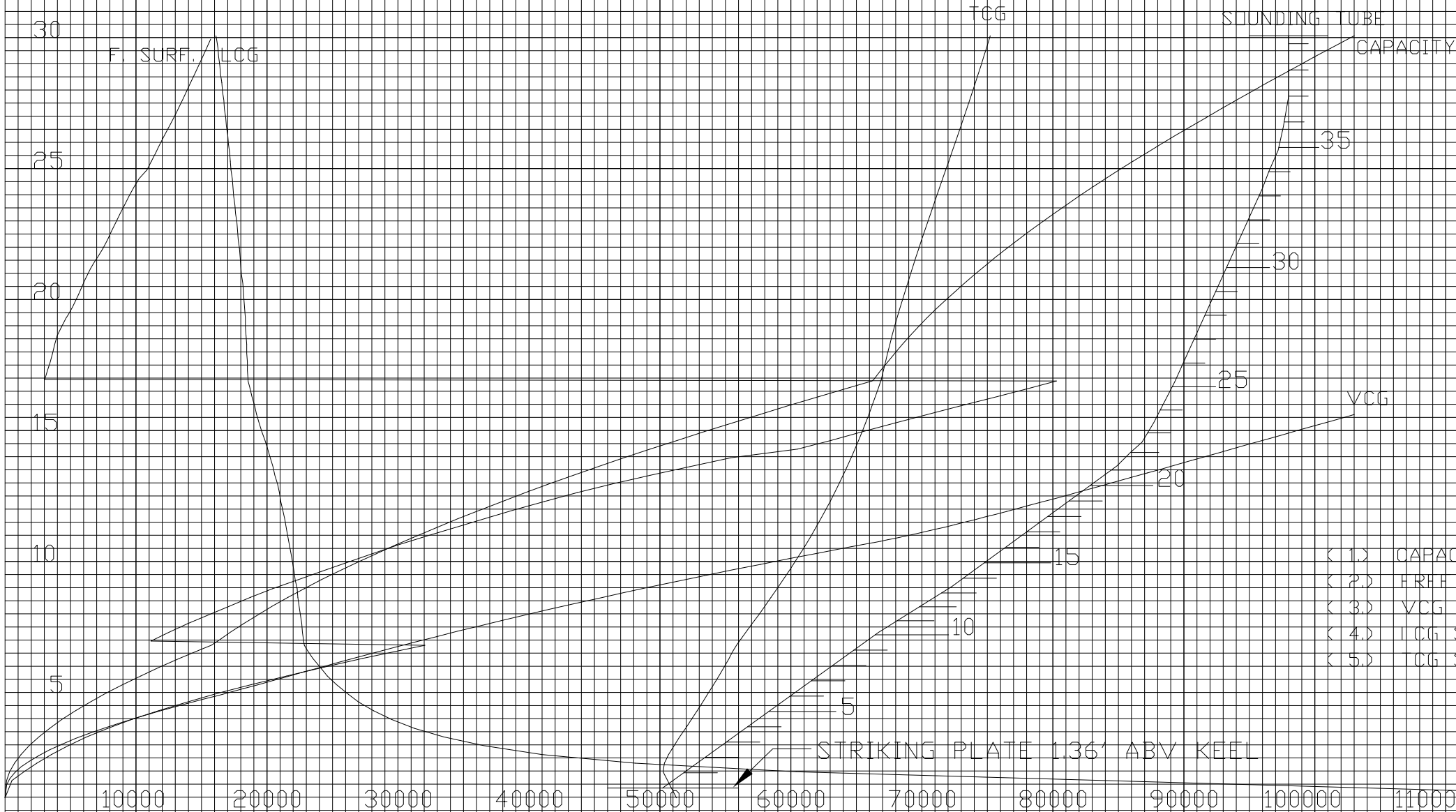
ALT DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 2C WING BALLAST TANK P 8-44-4

HEIGHT ABOVE KEEL - FEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14
SCALE IN INCHES													
FRAMES	44-50	TOP OF TANK = 30.07 FT ABOVE KEEL				BOTTOM OF TANK = 0.97 FT ABOVE KEEL							
CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT	SOUNDING TUBE TERMINATES @ "D" DECK 49.06' PORT 2.25' FWD FR. 49							
100% FULL	103007.	15.61	283.22	37.61	MAXIMUM 802.7								

NOTE <1> TCG (+) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED



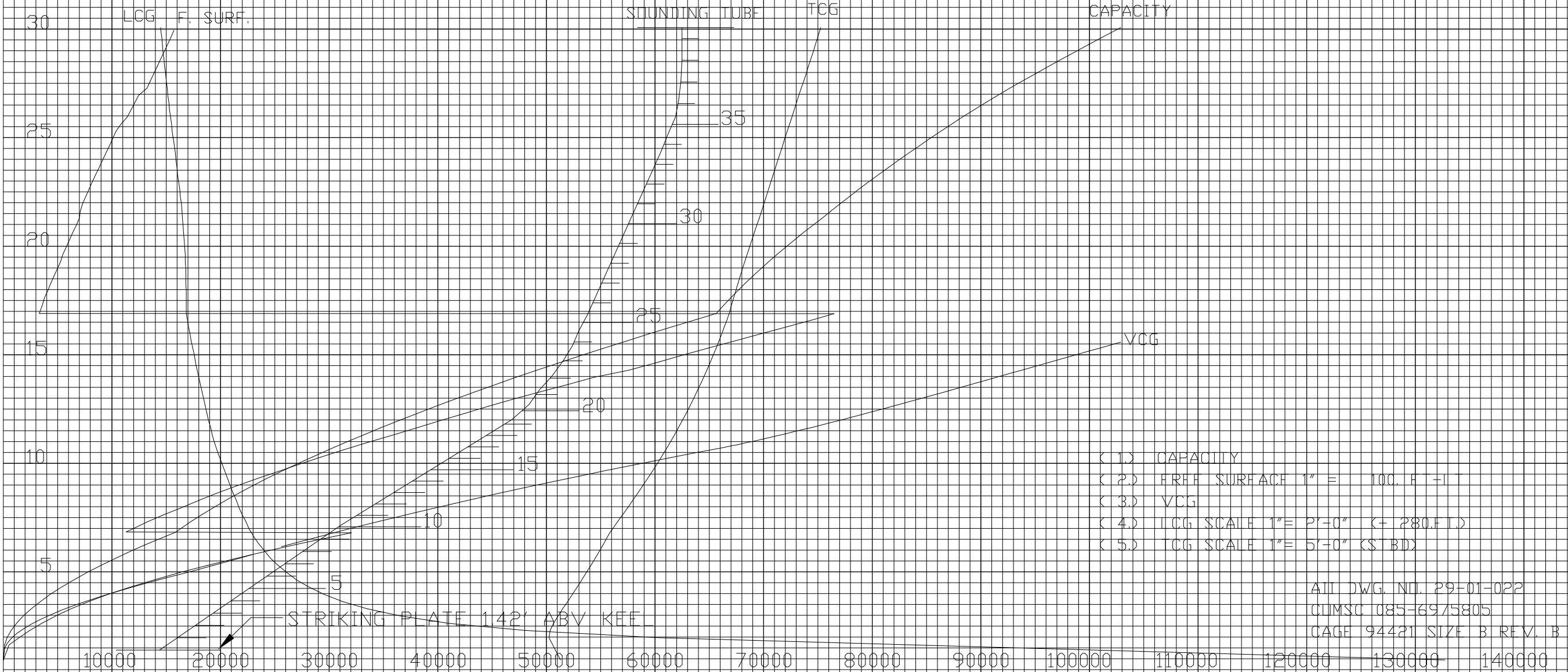
- < 1. > CAPACITY
- < 2. > FREE SURFACE 1" = 100. FT-LT
- < 3. > VCG
- < 4. > TCG SCALE 1" = 27'-0" (= 280.FT.)
- < 5. > TCG SCALE 1" = 57'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: NO 2C WING BALLAST TANK S 8-44-3

HEIGHT ABOVE KEEL - FEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14
SCALE IN INCHES													
FRAMES 44-50		TOP OF TANK = 30.07 FT ABOVE KEEL				BOTTOM OF TANK = 0.97 FT ABOVE KEEL							
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT.ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT	SOUNDING TUBE TERMINATES @ "D" DECK 49.06' STBD 229' FWD FR. 49							
100% FULL	102877.	15.58	282.90	-37.63	MAXIMUM								
					764.8								
NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED													



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 280. FT-LT)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSEC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3A WING BALLAST TANK P 8-50-4

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

45

FRAMES 50-57

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	124786.	13.78	341.87	41.46	MAXIMUM
					816.0

SOUNDING TUBE TERMINATES-"D" DECK 51.33' PERT 2.00' FWD FR. 57

40

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

35

30

F. SURF.

25

LCG

20

15

10

5

SOUNDING TUBE

35

30

25

20

15

10

5

TCG

CAPACITY

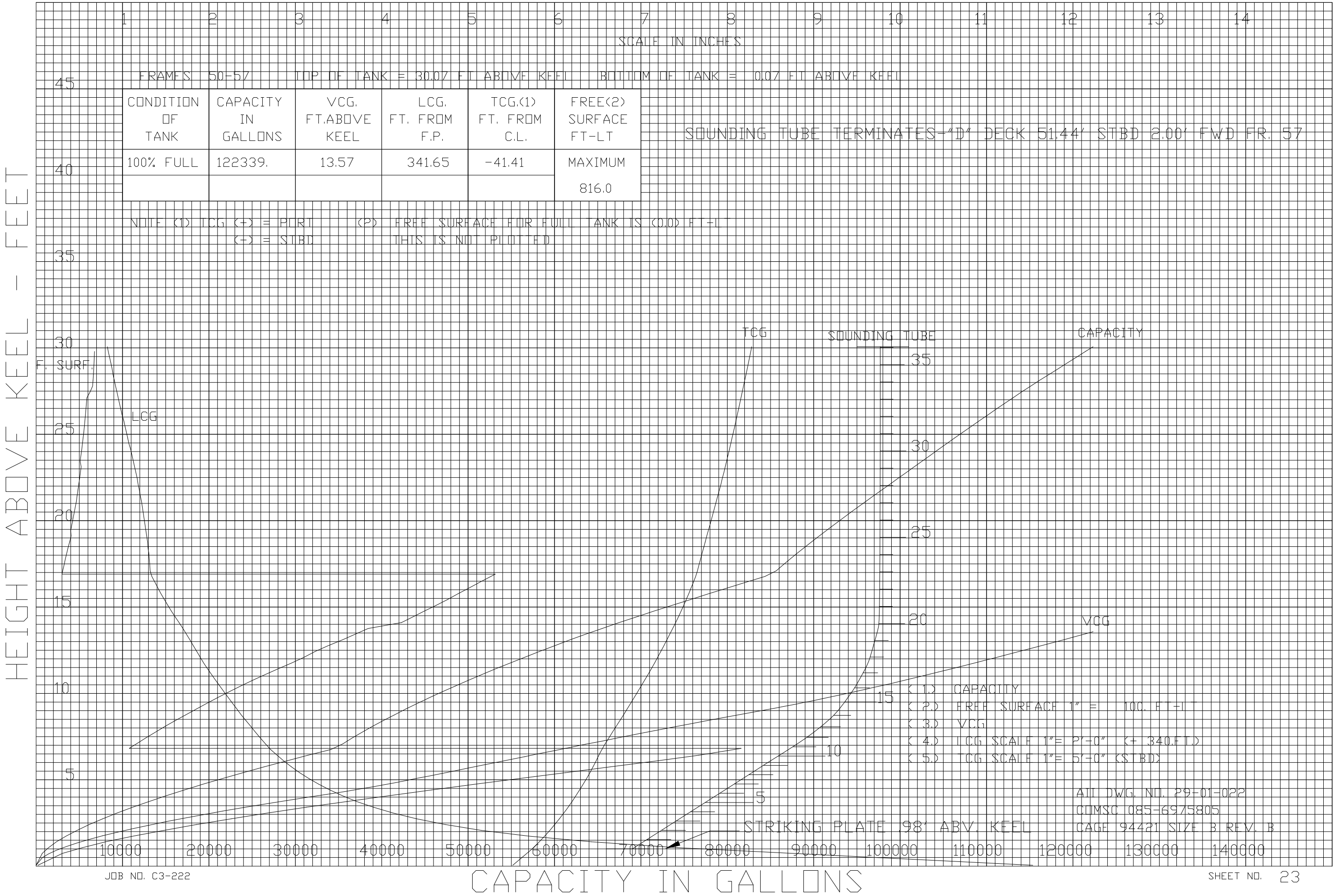
VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 340.FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

STRIKING PLATE 1.07' ABV. KEEL

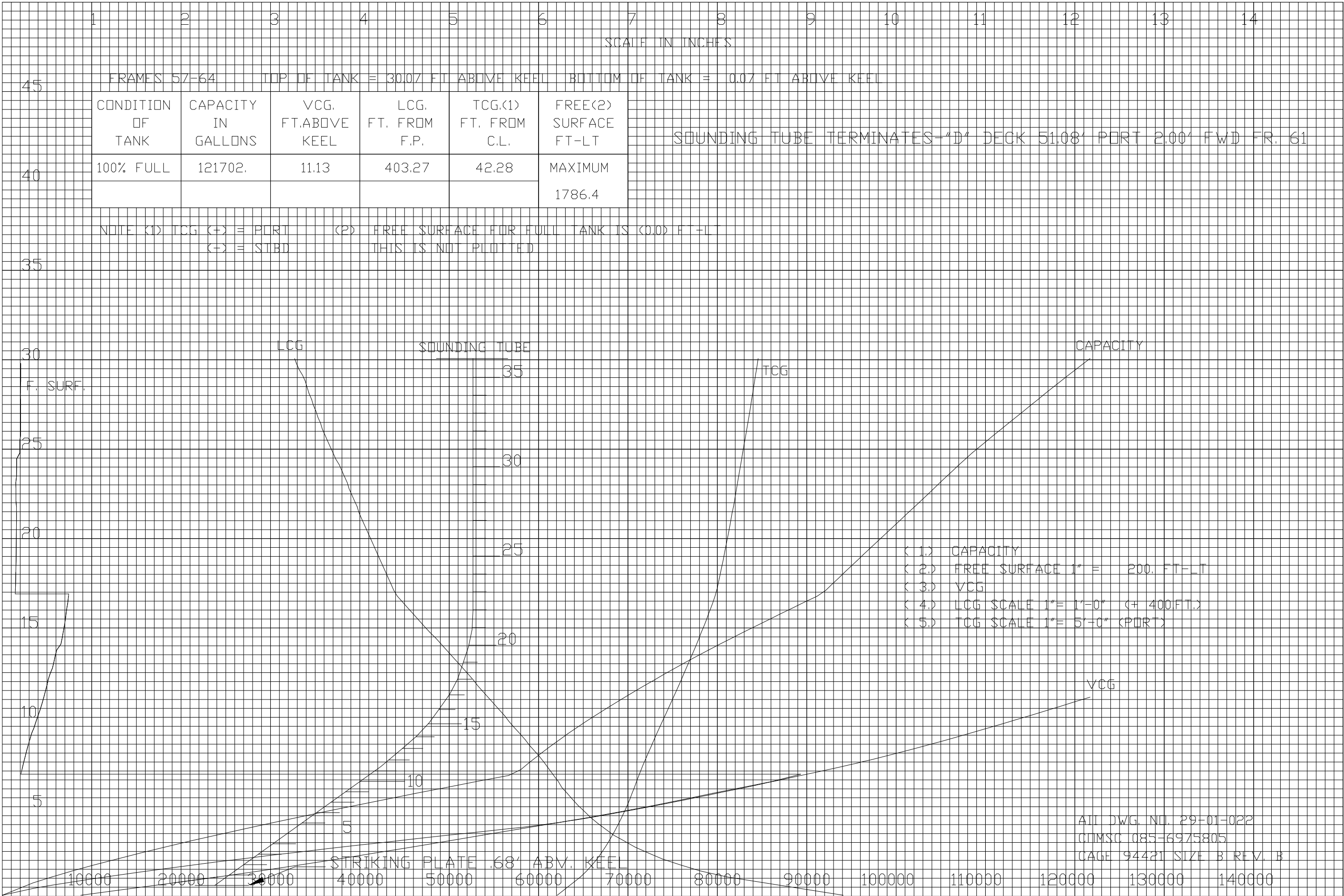
ALL DWG. NO. 29-01-022
CLMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3A WING BALLAST TANK S 8-50-3

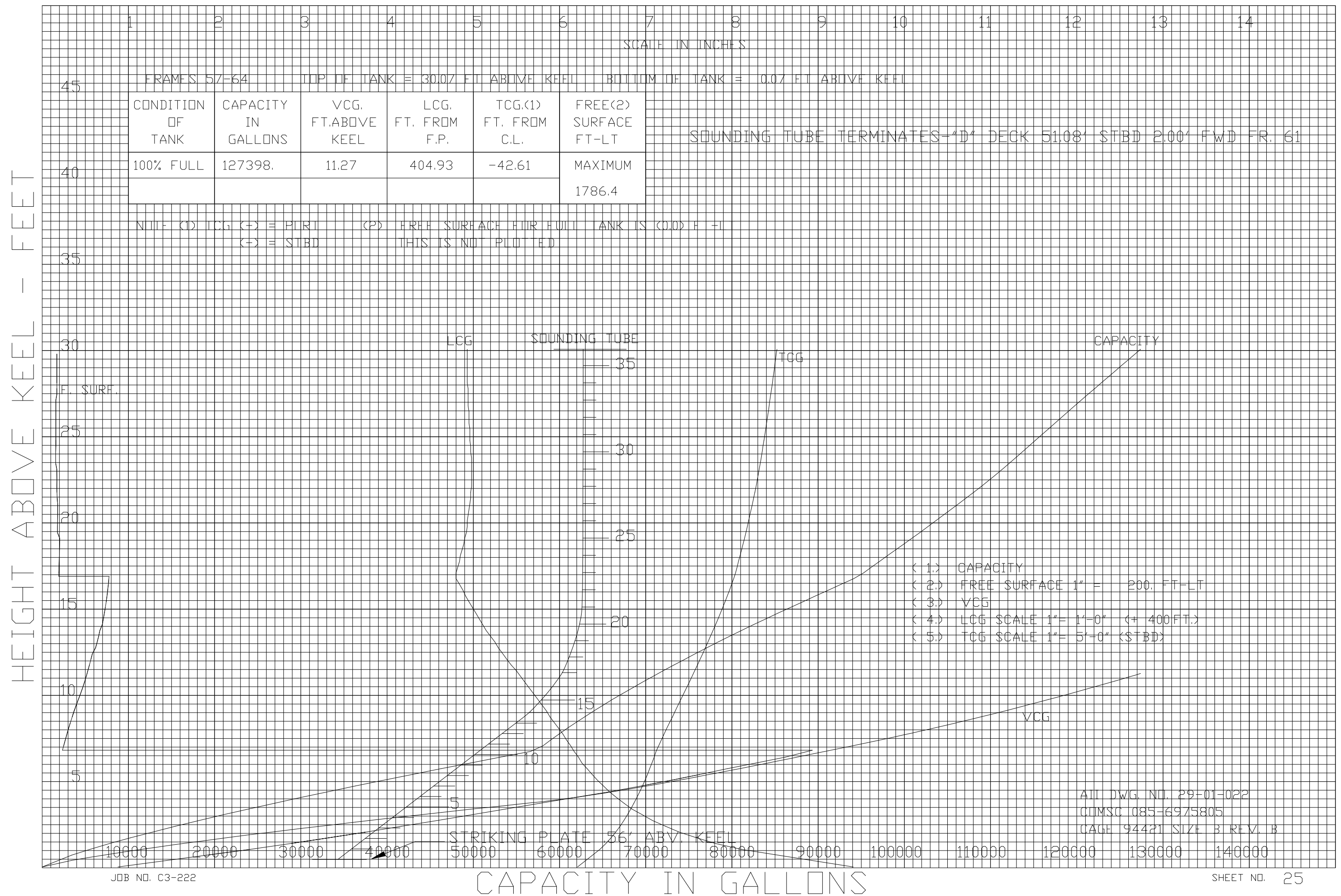


TANK: NO 3B WING BALLAST TANK P 8-57-2

HEIGHT ABOVE KEEL - FEET



TANK: NO 3B WING BALLAST TANK S 8-57-1



TANK: NO 3C WING BALLAST TANK S 8-64-3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 64-71

TOP OF TANK = 16.90 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

SOUNDING TUBE TERMINATES="D" DECK 50.08' STBD 1.00' AFT FR. 70

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	108876.	6.73	467.80	-41.29	MAXIMUM
					2414.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

LCG TCG

CAPACITY

VCG

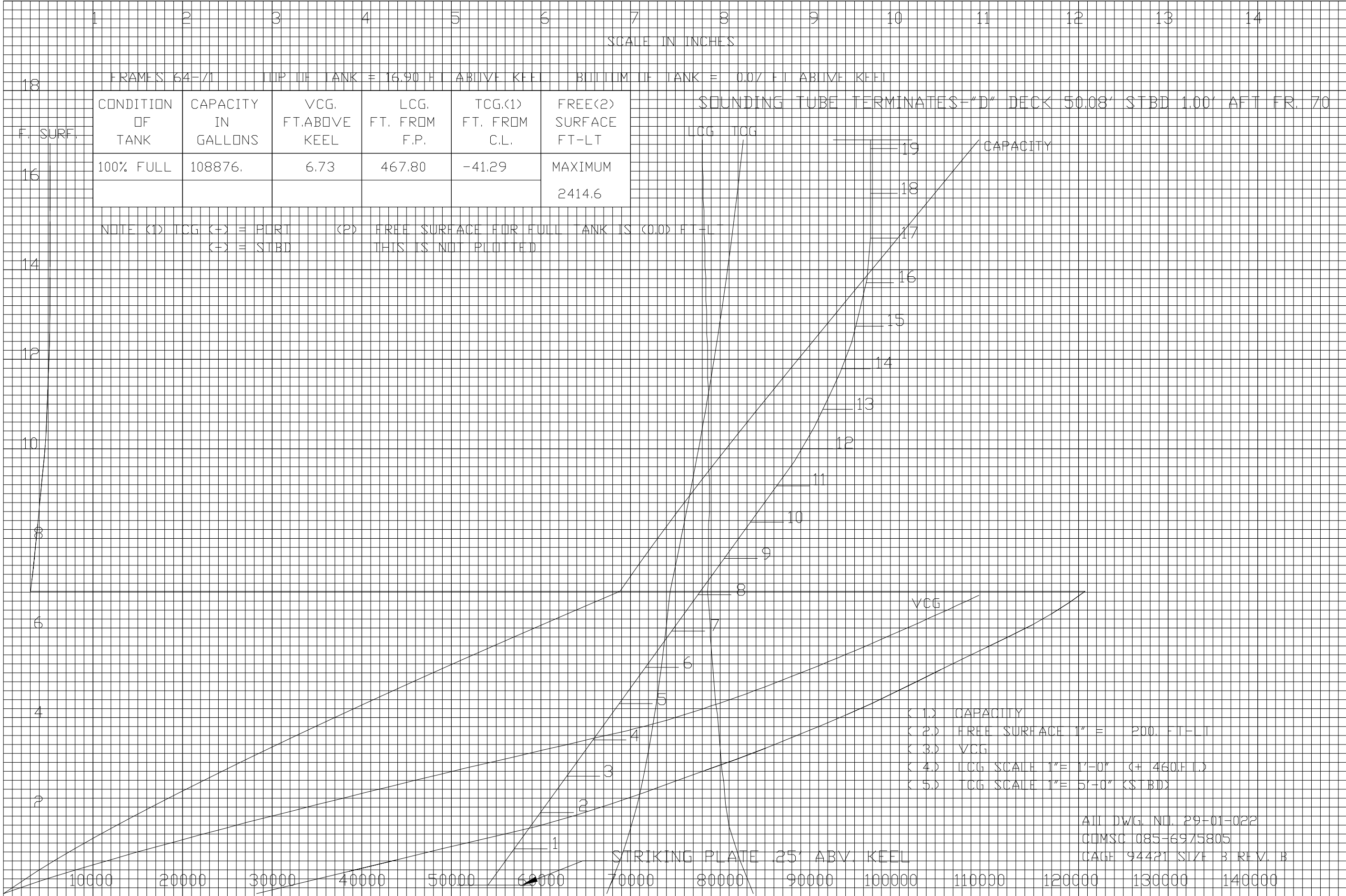
- (1.) CAPACITY
- (2.) FREE SURFACE 1" = 200. FT-LT
- (3.) VCG
- (4.) LCG SCALE 1"= 1'-0" (+ 460.FT.)
- (5.) TCG SCALE 1"= 5'-0" (STBD)

STRIKING PLATE .25' ABV. KEEL

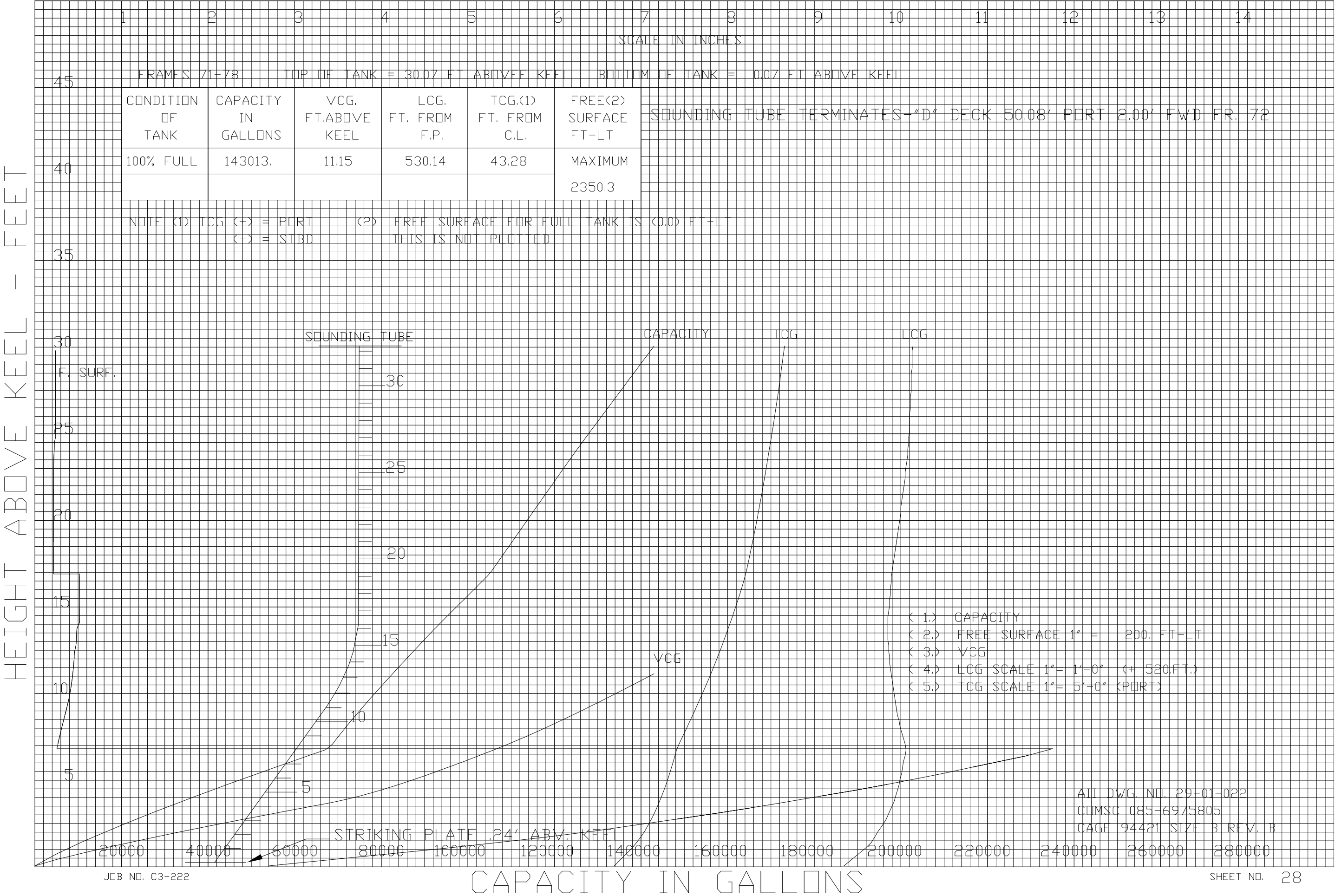
ALL DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3C WING BALLAST TANK S 8-64-3

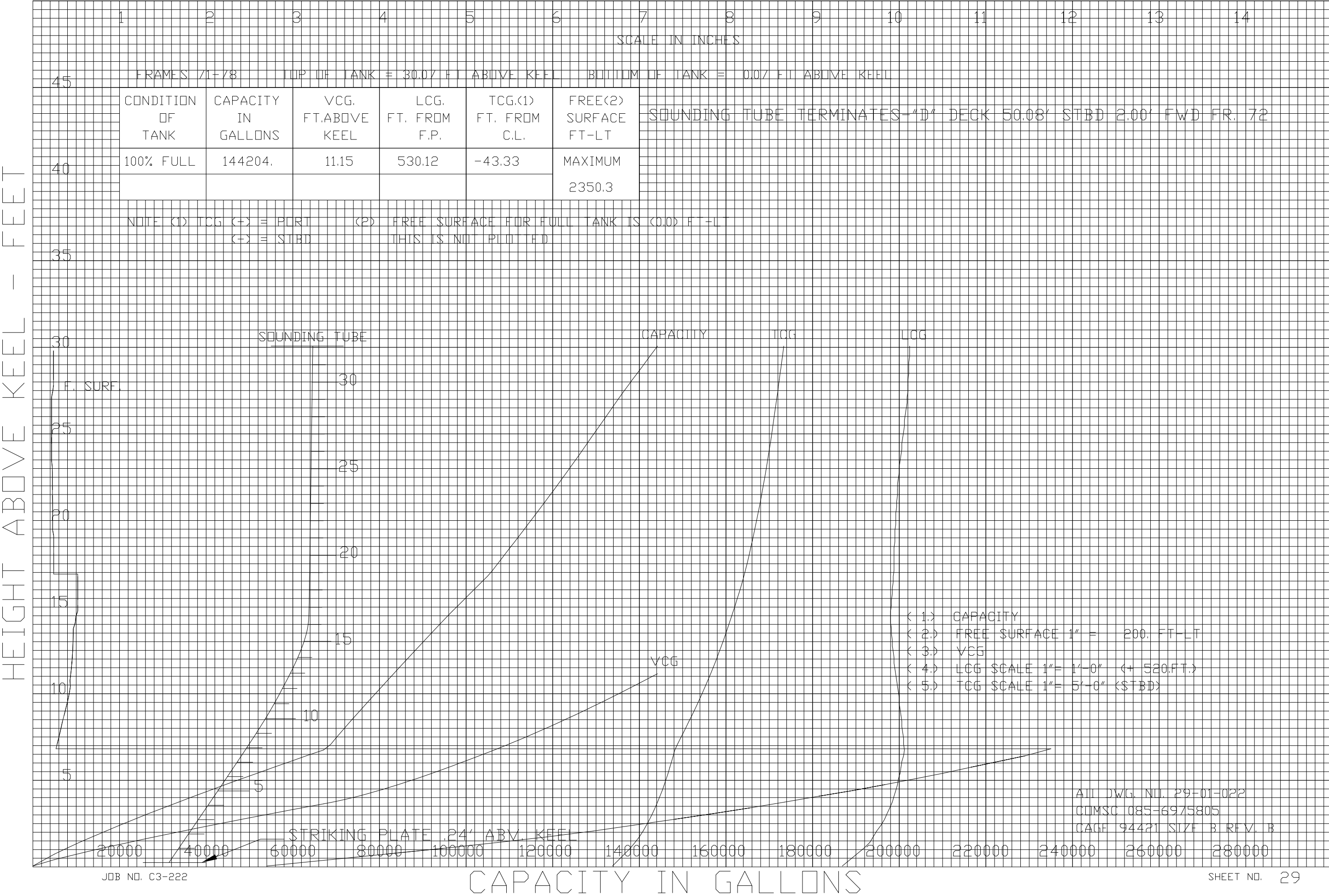
HEIGHT ABOVE KEEL - FEET



TANK: NO 4A WING BALLAST TANK P 8-71-4



TANK: NO 4A WING BALLAST TANK S 8-71-3

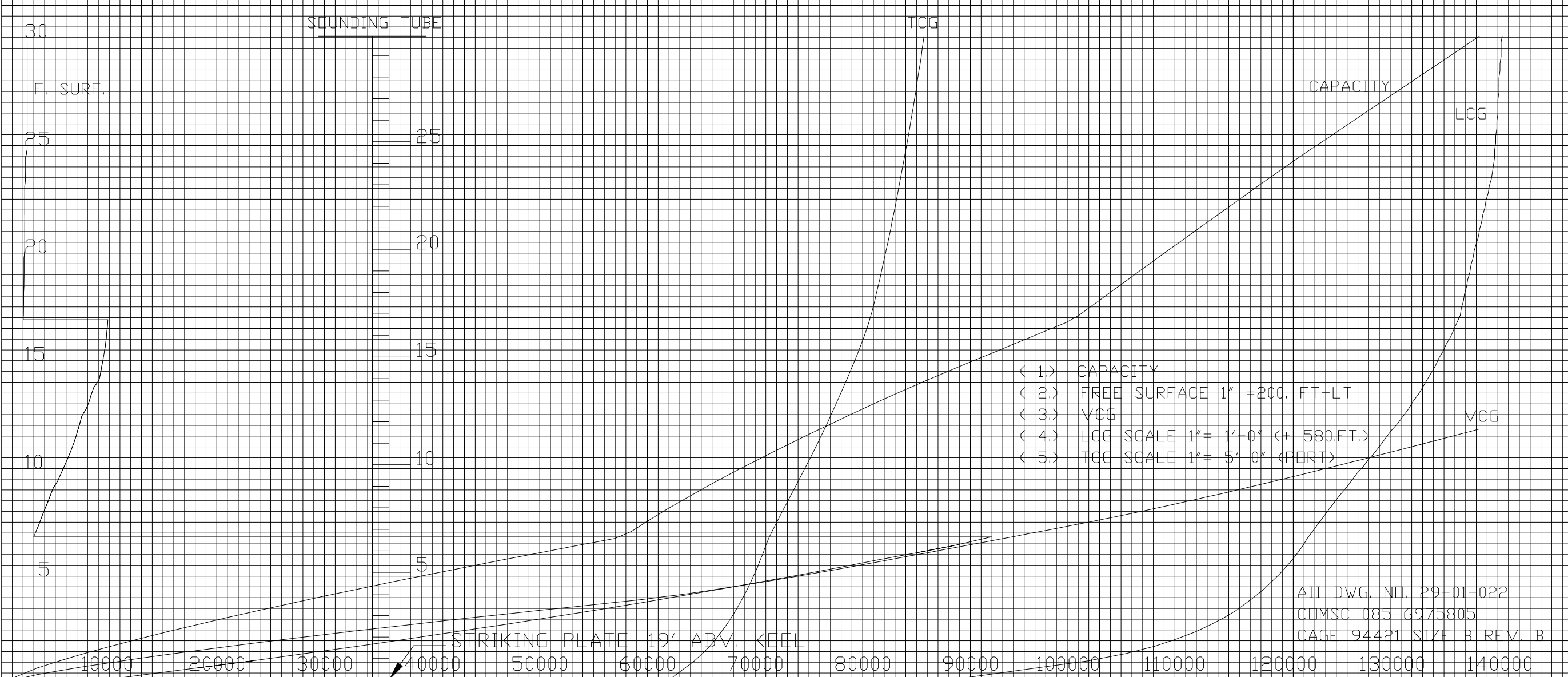


TANK: NO 4B WING BALLAST TANK P 8-78-4

HEIGHT ABOVE KEEL - FEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14
SCALE IN INCHES													
FRAMES 78-85		TOP OF TANK = 30.07 FT ABOVE KEEL				BOTTOM OF TANK = 0.07 FT ABOVE KEEL							
CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT	SOUNDING TUBE TERMINATES—"D" DECK 29.00' PERT .97' FWD FR. 85							
100% FULL	137277.	11.83	593.94	42.85	MAXIMUM								
					1839.0								

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 580.FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 4B WING BALLAST TANK S 8-78-3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

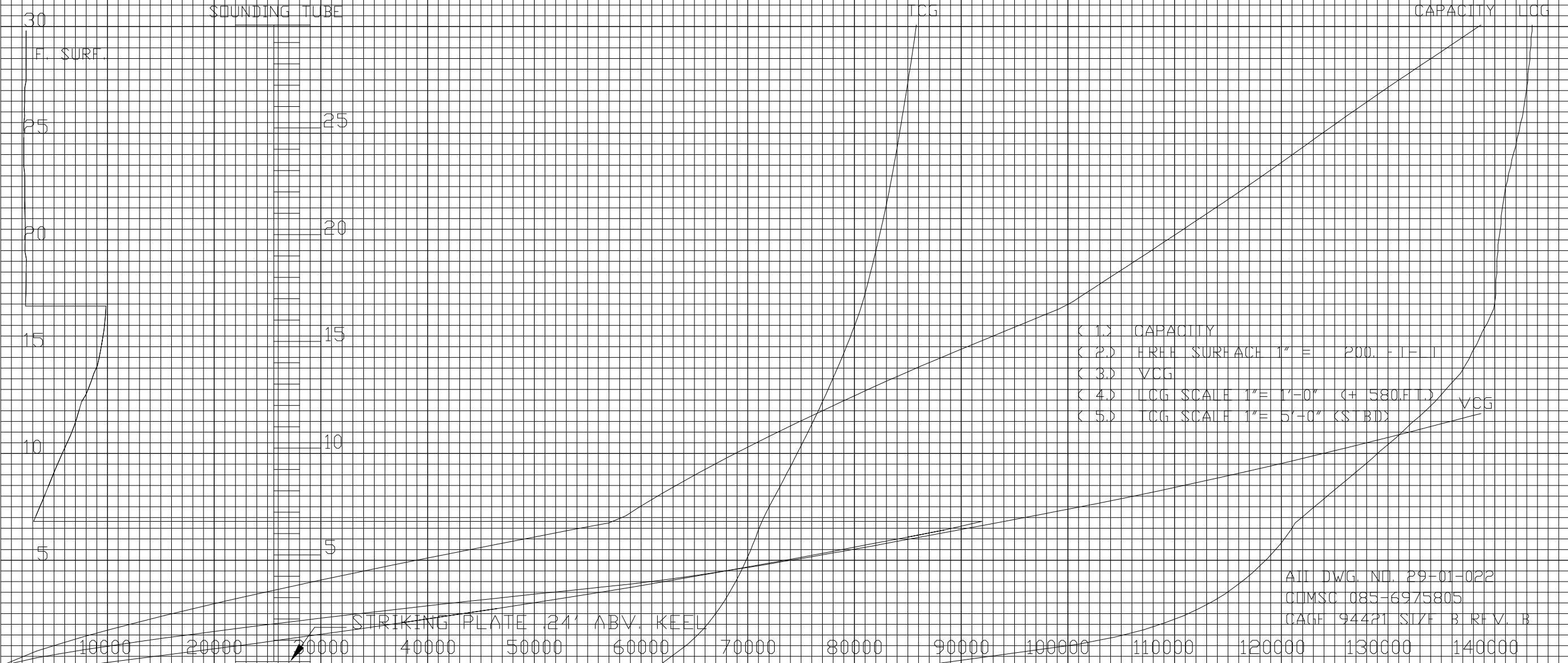
SCALE IN INCHES

FRAMES 78-85 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	138709.	11.87	594.35	-42.90	MAXIMUM
					1839.0

SOUNDING TUBE TERMINATES - "D" DECK 29.00' STBD .97' FWD FR. 85

NOTE <1> TCG <-> = PORT <-> = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED



TANK: NO 6A WING BALLAST TANK P OR S 8-99-4/3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

55

FRAMES 99-103

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 11.88 FT ABOVE KEEL

50

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	79092.	24.73	767.41	36.11	MAXIMUM
					1330.7

S.T. 8-99-3 TERMINATES="D" DECK 19.00' STBD 1.00' FWD FR. 99
S.T. 8-99-4 TERMINATES="D" DECK 33.00' PORT .75' FWD FR. 99

45

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (00) FT-LT
THIS IS NOT PLOTTED

40

35

30

25

20

15

SOUNDING TUBE 8-99-3

SOUNDING TUBE 8-99-4

LCG

F. SURF.

20

15

10

5

TCG

15

10

5

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (= 750.F.T.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

STRIKING PLATE 13.07' ABV. KEEL

STRIKING PLATE 12.66' ABV. KEEL

ATT DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 6B WING BALLAST TANK P OR S 8-103-4/3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 103-106 TOP OF TANK = 31.57 FT ABOVE KEEL BOTTOM OF TANK = 17.93 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG,(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	33054.	27.07	799.08	34.53	MAXIMUM
					682.5

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
(-) = STBD THIS IS NOT PLOTTED SOUNDING TUBE TERMINATES @ "D" DECK
26.56' PORT 33' AFT FR. 103

8 103 3 SOUNING TUBE TERMINATES @ "D" DECK
26.56' PORT 33' AFT FR. 103

TCG 8 103 4

LCG

CAPACITY

F SURF.

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 50. FT-LT
- (3) VCG
- (4) LCG SCALE 1"= 2'-0" (+ 780.FT.)
- (5) TCG SCALE 1"= 5'-0" (PORT)

STRIKING PLATE 18.39' ABV. KEEL

STRIKING PLATE 18.19' ABV. KEEL

ATT. DWG. NO. P9-01-022
COMSEC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 6D SW BALLAST TANK P OR S 8-109-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

42 FRAMES 109-113 TOP OF TANK = 35.57 FT ABOVE KEEL BOTTOM OF TANK = 24.14 FT ABOVE KEEL

40

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	36960.	30.62	857.13	12.12	MAXIMUM
					1714.8

NOTE <1> TCG (+) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED

38

SOUNDING TUBE TERMINATES @ "B" DECK
.50' PORT .50' AFT FR. 109

SOUNDING TUBE TERMINATES @ "B" DECK
.46' STBD .50' AFT FR. 109

36

8-109-2

CAPACITY

LCG

8-109-1

TCG

F. SURF.

34

32

30

28

26

11
10
9
8
7
6
5
4
3
2
1

11
10
9
8
7
6
5
4
3
2
1

STRIKING PLATE 24.45' ABV. KEEL

STRIKING PLATE 24.29' ABV. KEEL

- < 1> CAPACITY
- < 2> FREE SURFACE 1"= 200. FT-LT
- < 3> VCG
- < 4> LCG SCALE 1"= 2'-0" (+ 840.FT.)
- < 5> TCG SCALE 1"= 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: AFT PEAK BALLAST TANK P OR S 8-113-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

46

FRAMES 113-TRANSUM

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 29.64 FT ABOVE KEEL

44

CONDITION
OF
TANK

CAPACITY
IN
GALLONS

VCG,
FT.ABOVE
KEEL

LCG,
FT. FROM
F.P.

TCG.(1)
FT. FROM
C.L.

FREE(2)
SURFACE
FT-LT

SOUNDING TUBE TERMINATES @ "C" DECK
2.50' STBD 1.50' AFT FR. 113

8-113-2

8-113-1

LCG

F. SURF.

CAPACITY

TCG

VCG

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

42

SOUNDING TUBE TERMINATES @ "C" DECK
1.00' PORT 75' AFT FR. 113

40

38

36

34

32

30

STRIKING PLATE 29.92' ABV. KEEL

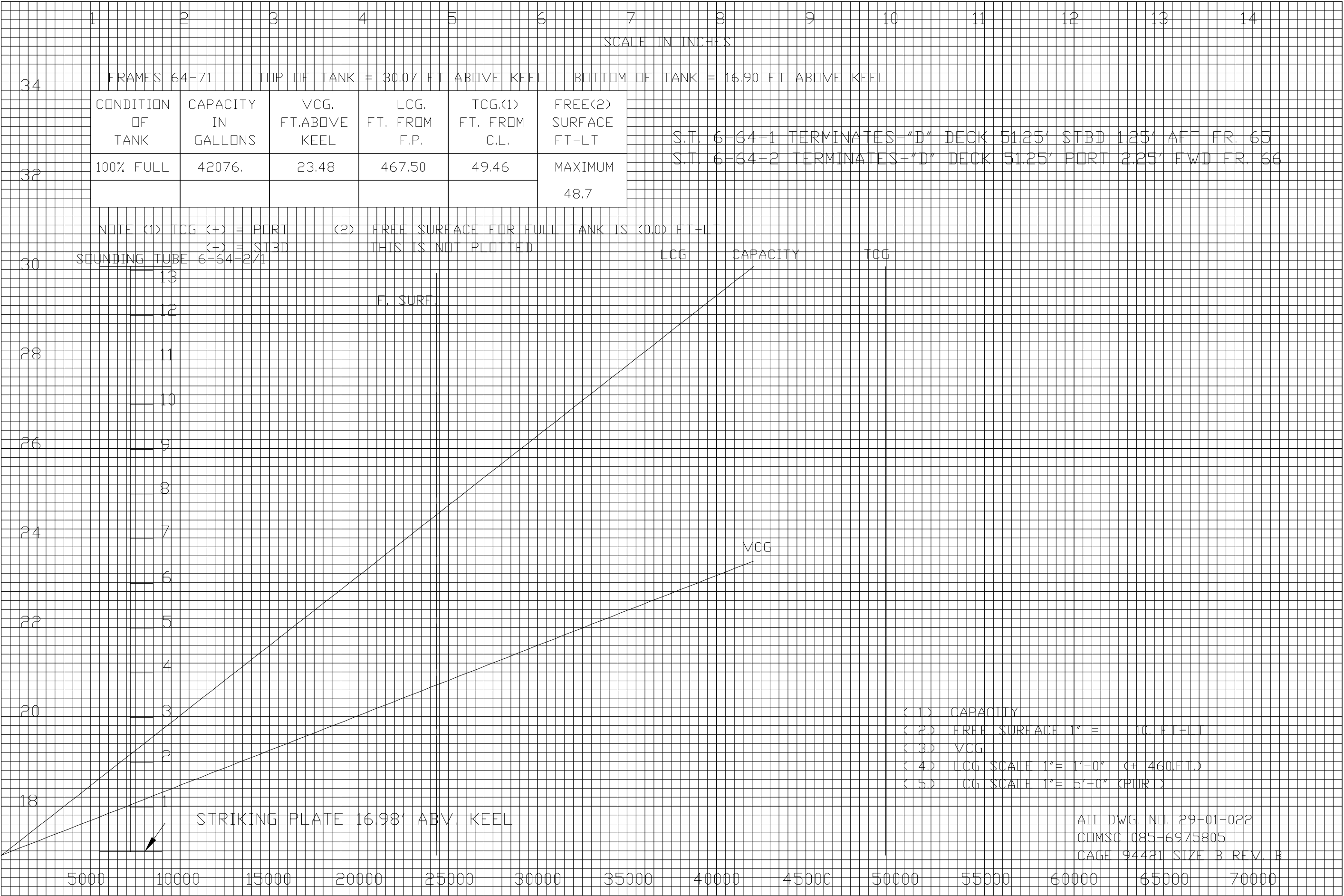
STRIKING PLATE 30.04' ABV. KEEL

- (1) CAPACITY
(2) FREE SURFACE 1" = 500. FT-LT
(3) VCG
(4) LCG SCALE 1" = 2'-0" (+ 870.FT.)
(5) TCG SCALE 1" = 2'-0" (PORT)

AIT DWG. NO. 29-01-022
COMSEC 085-6975805
CAGE 94421 SIZE B REV. B

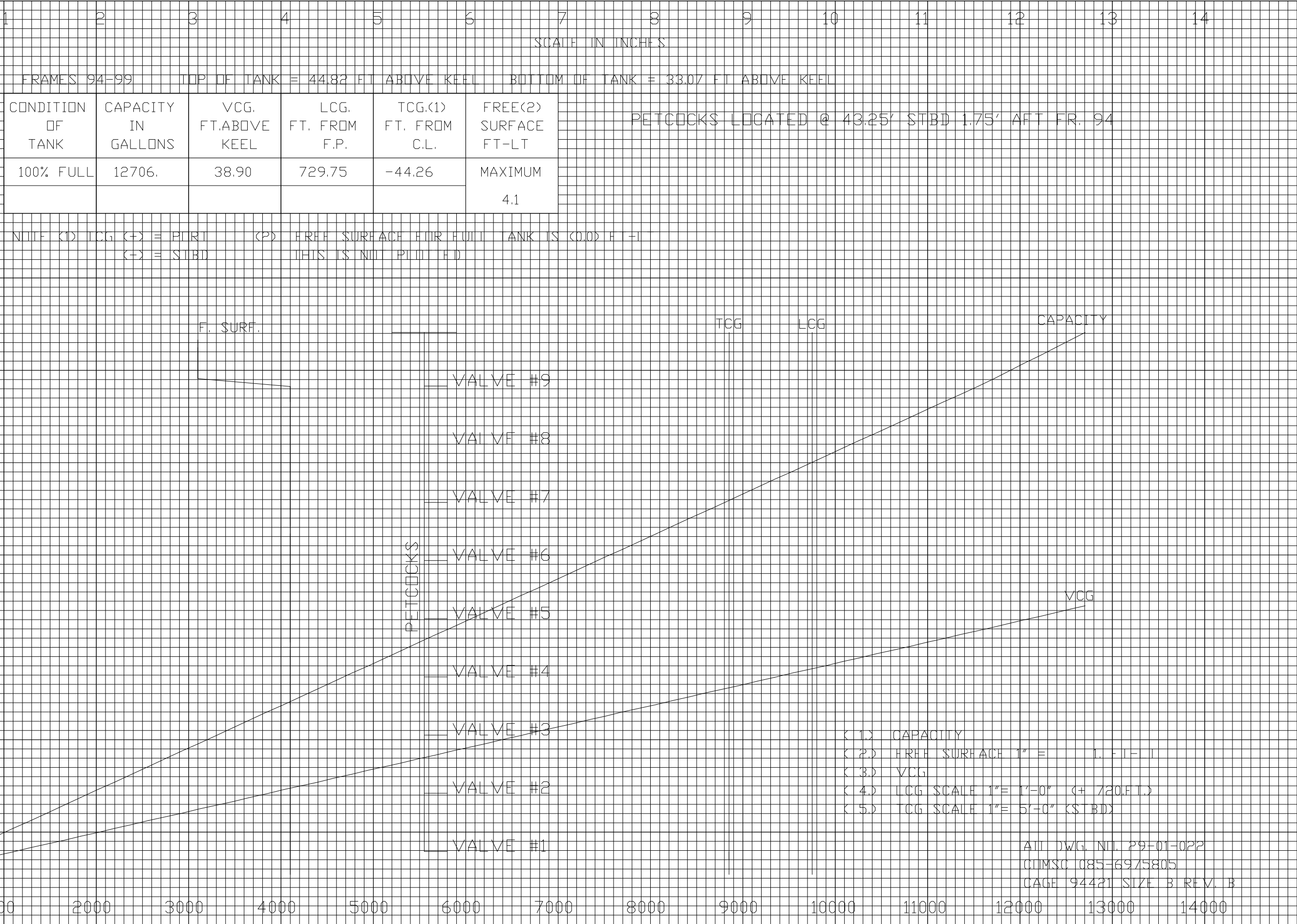
TANK: LIST CONTROL TANK P OR S 6-64-2/1

HEIGHT ABOVE KEEL - FEET



TANK: POTABLE WATER TANK NO 1 5-95-7

HEIGHT ABOVE KEEL - FEET



TANK: POTABLE WATER TANK NO 2 5-95-9

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

50

FRAMES 94-99

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT.ABOVE KEEL	LCG. FT. FROM F.P.	TCG.<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	15827.	38.94	729.07	-48.17	MAXIMUM
					8.1

PETCOCKS LOCATED @ 48.75' STBD 1.75' AFT FR. 94

48

NOTE <1> TCG (+) = PORT
(-) = STBD

<2> FREE SURFACE FOR FULL TANK IS 0.00 FT-LT
THIS IS NOT PLOTTED

46

44

42

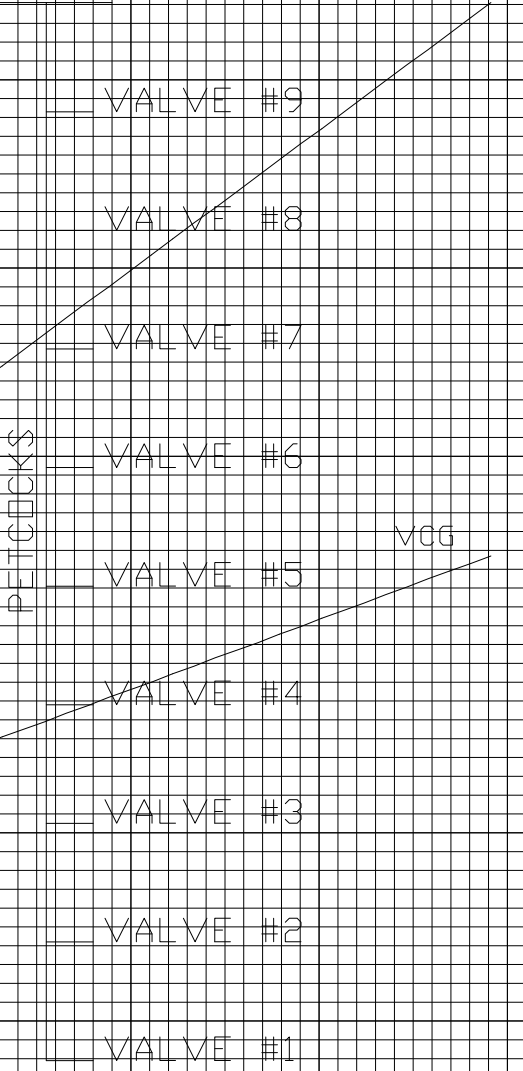
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38

36

34

CAPACITY F. SURF. LCG TCG



- < 1> CAPACITY
- < 2> FREE SURFACE 1" = 1. FT-LT
- < 3> VCG
- < 4> LCG SCALE 1"= 1'-0" (+ 720.FT.)
- < 5> CG SCALE 1"= 5'-0" (STBD)

ALL DWG. NO. 29-01-022
CUMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: RESV FEED WATER TANK 5-91-1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

42

FRAMES 91-92 TOP OF TANK = 38.95 FT ABOVE KEEL BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG,<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	2513.	36.01	683.50	-47.21	MAXIMUM
					5.5

SOUNDING TUBE TERMINATES @ 'C' DECK 49.25' STBD 1.25' AFT FR. 91

41

NOTE <1> TCG (+) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED

40

39

SOUNDING TUBE LCG F. SURF. TCG CAPACITY

38

5

37

4

36

3

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2

34

1

STRIKING PLATE 33.22' ABV KEEL

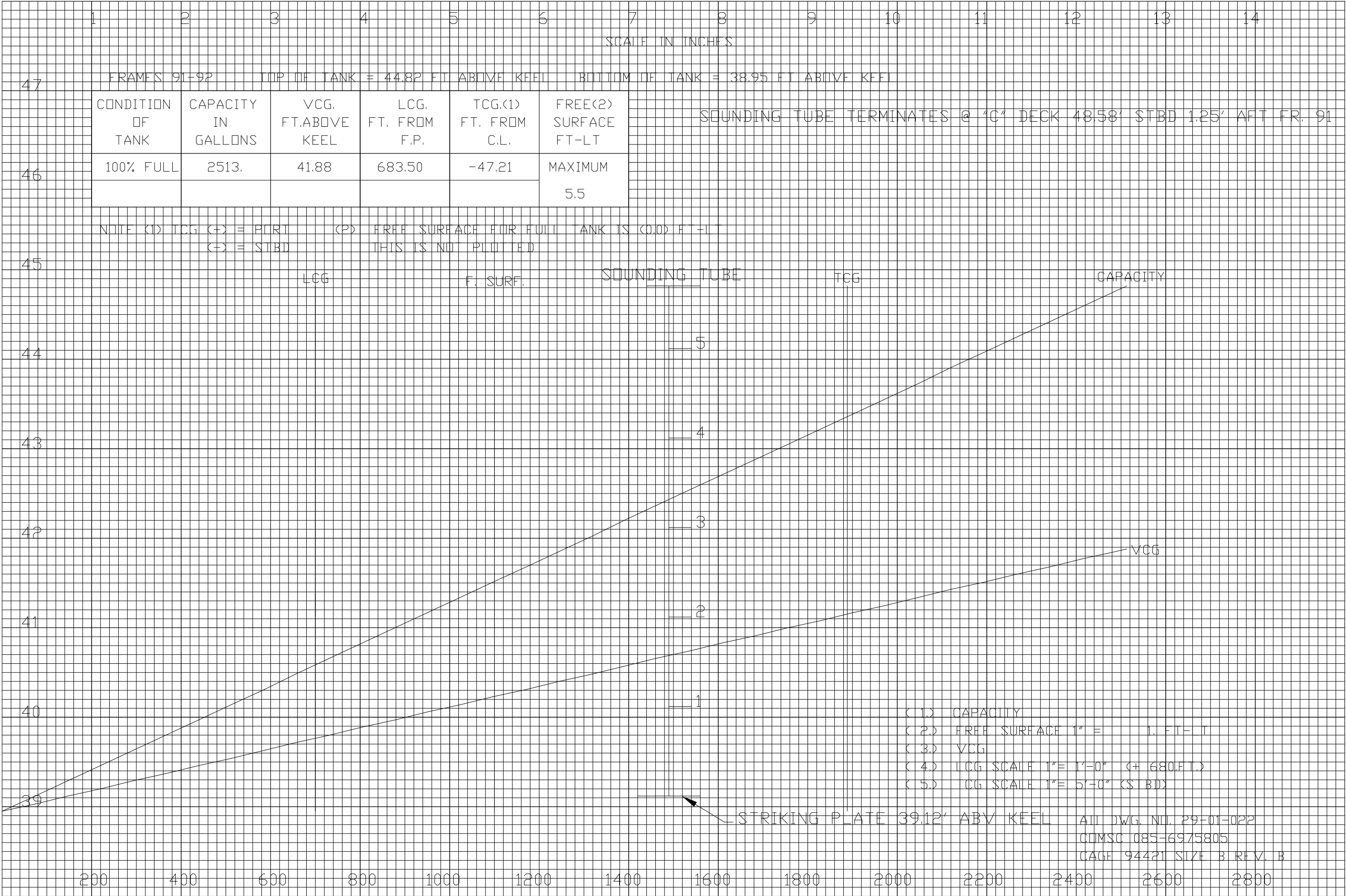
- < 1.> CAPACITY
- < 2.> FREE SURFACE 1" = 1. FT-LT
- < 3.> VCG
- < 4.> LCG SCALE 1"= 1'-0" (+ 680.F.T.)
- < 5.> CG SCALE 1"= 5'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

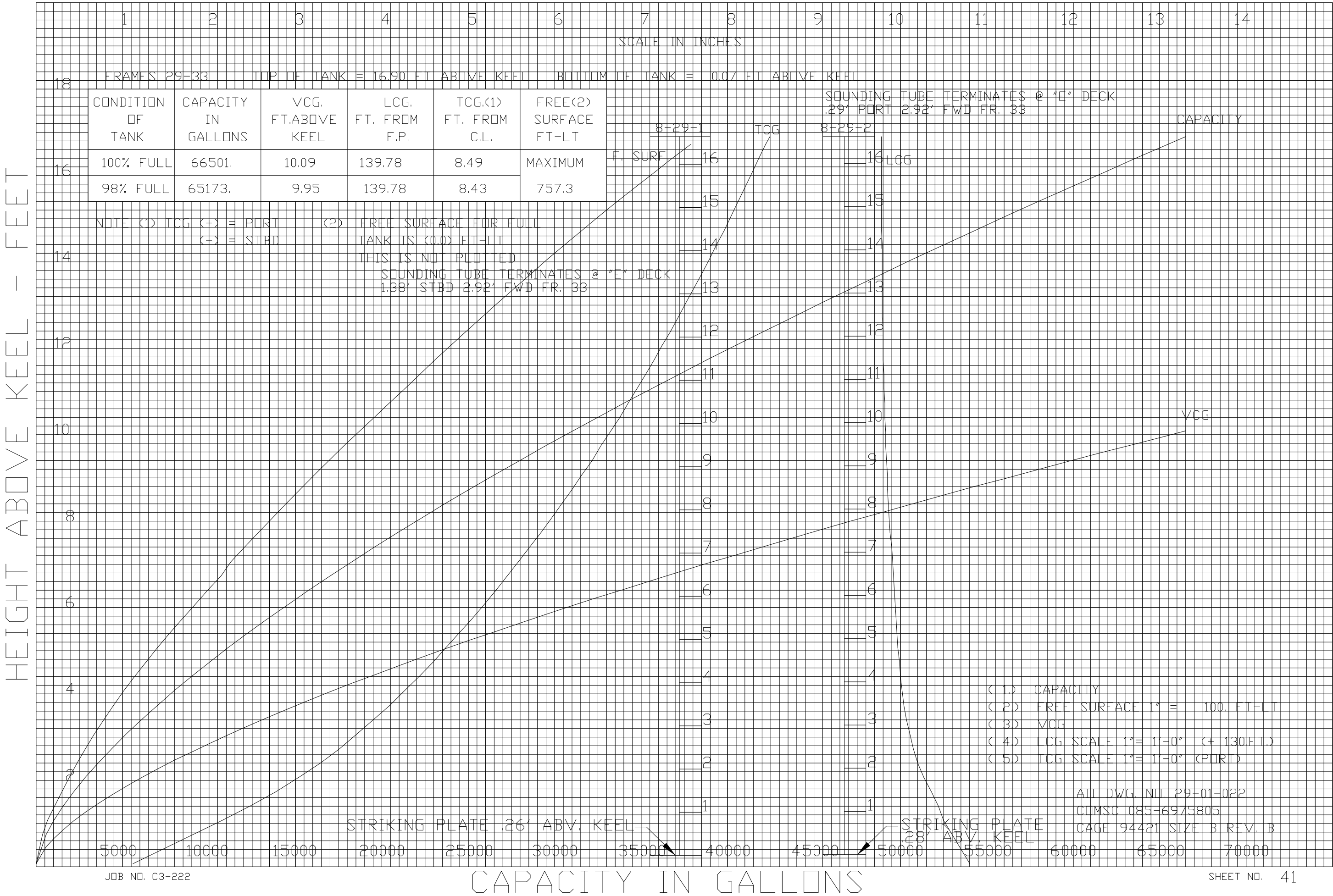
200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800

TANK: DIST WATER TANK 4.5-91-1

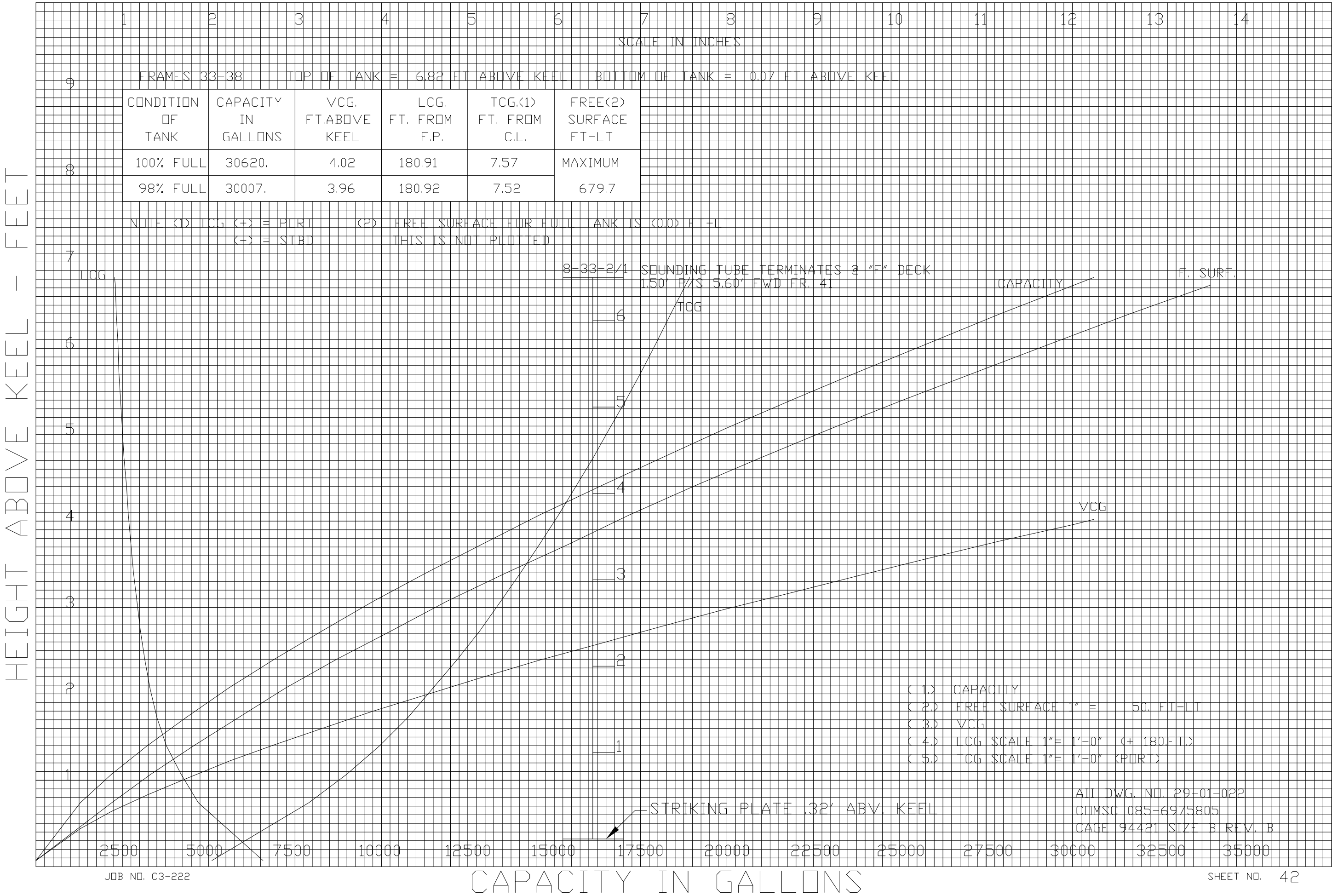
HEIGHT ABOVE KEEL - FEET



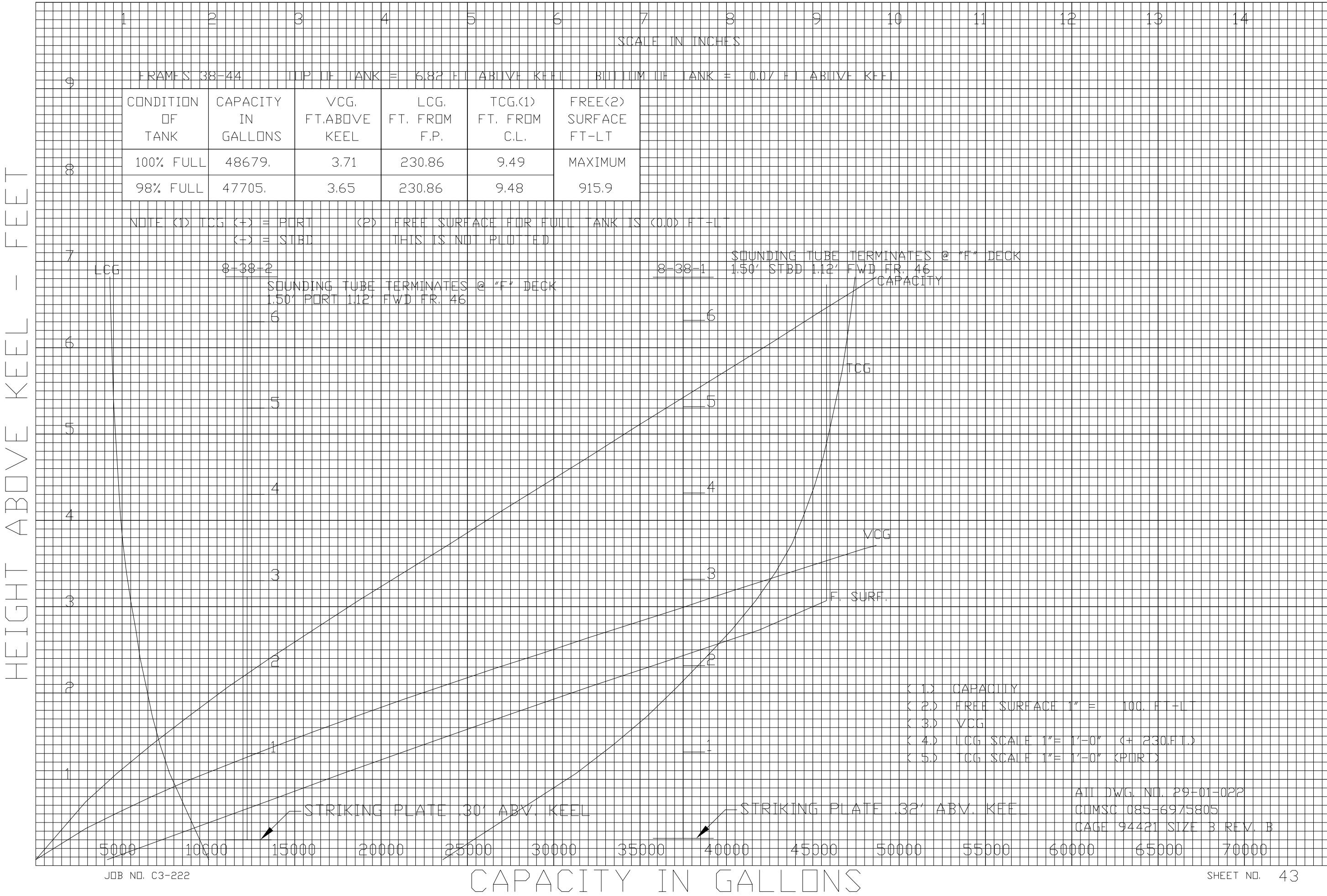
TANK: FUEL OIL TANK NO 1B P OR S 8-29-2/1



TANK: FUEL OIL TANK NO 2A P OR S 8-33-2/1



TANK: FUEL OIL TANK NO 2B P OR S 8-38-2/1



TANK: FUEL OIL TANK NO 2C P OR S 8-44-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

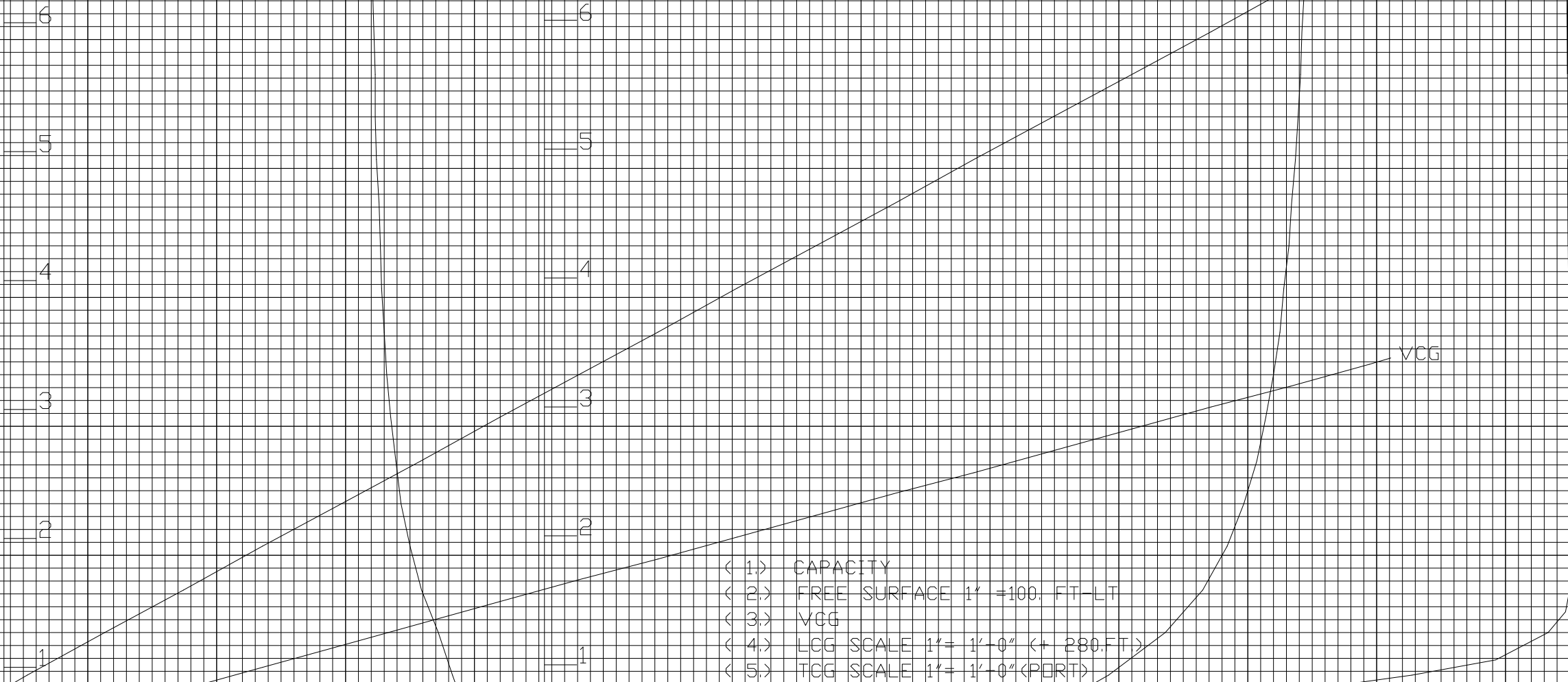
SCALE IN INCHES

FRAMES 44-50 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	60550.	3.53	284.20	11.45	MAXIMUM
98% FULL	59337.	3.46	284.21	11.45	1349.7

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

8-44-2 LCG 8-44-1 TCG CAPACITY F. SURF.
SOUNDING TUBE TERMINATES @ "F" DECK 4.50' PORT 1.75' FWD FR. 50
SOUNDING TUBE TERMINATES @ "F" DECK 4.50' PORT 1.75' FWD FR. 50



STRIKING PLATE .13' ABV. KEEL STRIKING PLATE .15' ABV. KEEL

ALL DWG. NO. 29-01-022
CLIMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 3A P OR S 8-50-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 50-57 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	80829.	3.45	341.56	12.97	MAXIMUM
98% FULL	79212.	3.39	341.56	12.97	2136.6

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

8-50-2

SOUNDING TUBE TERMINATES @ "F" DECK
.92' PORT 1.50' AFT FR. 56

8-50-1

SOUNDING TUBE TERMINATES @ "F" DECK
.92' STBD 1.50' AFT FR. 56

CAPACITY

F. SURF.

TCG

LCG

VCG

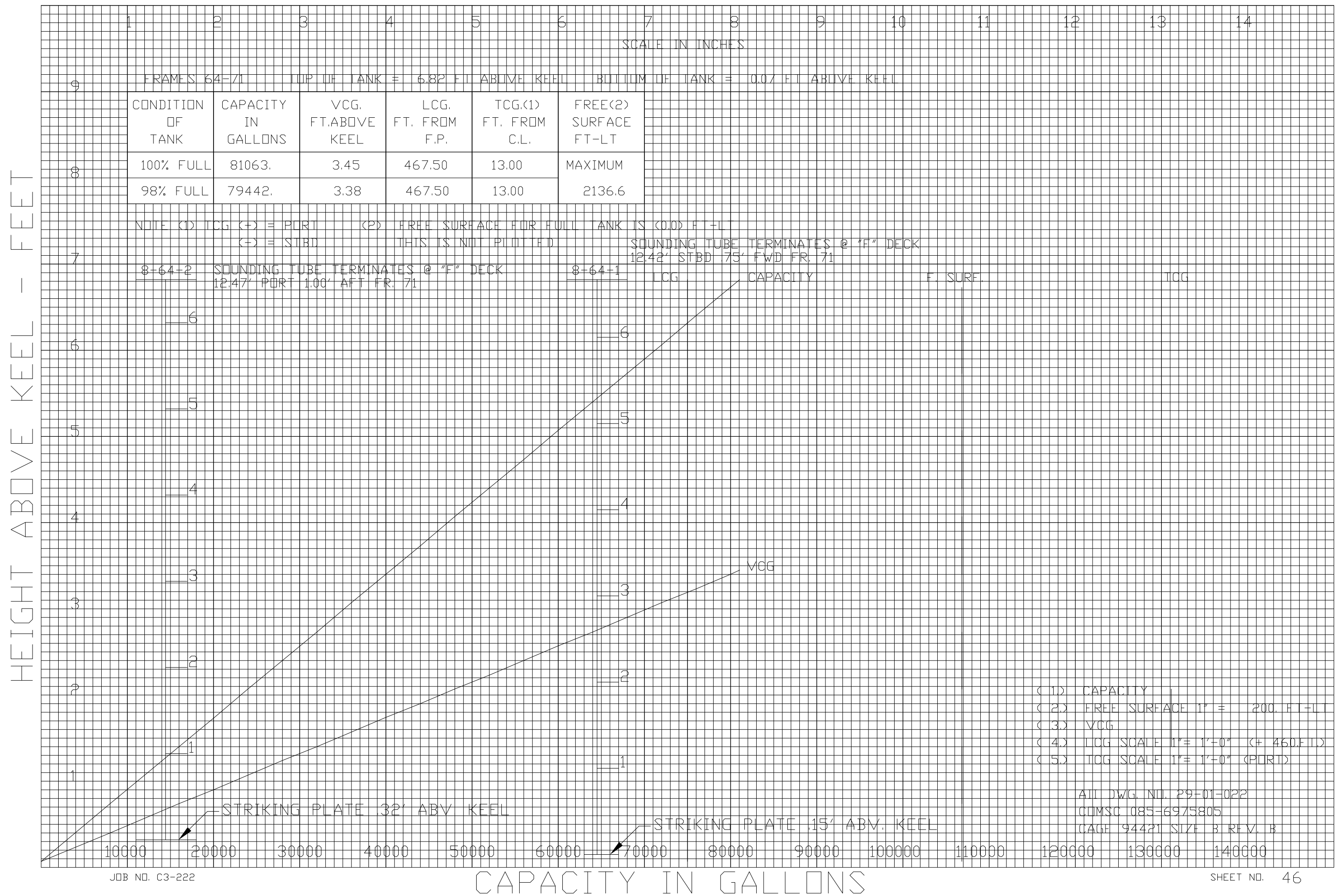
- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 340. FT)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

STRIKING PLATE
.28' ABV. KEEL

STRIKING PLATE
.15' ABV. KEEL

TANK: FUEL OIL TANK NO 3C P OR S 8-64-2/1



TANK: FUEL OIL TANK NO 4A PORT 8-71-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 71-78 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	81063.	3.45	530.50	13.00	MAXIMUM
98% FULL	79442.	3.38	530.50	13.00	2136.6

NOTE (1) TCG (-) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLUMBED SOUNDING TUBE TERMINATES @ "F" DECK 3.00' STBD 1.75' FWD FR. 80

LCG

8-71-2

SOUNDING TUBE TERMINATES @ "F" DECK 3.00' PORT 1.75' FWD FR. 80

8-71-1

CAPACITY

F. SURF.

TCG

6

6

5

5

4

4

3

3

2

2

1

1

VCG

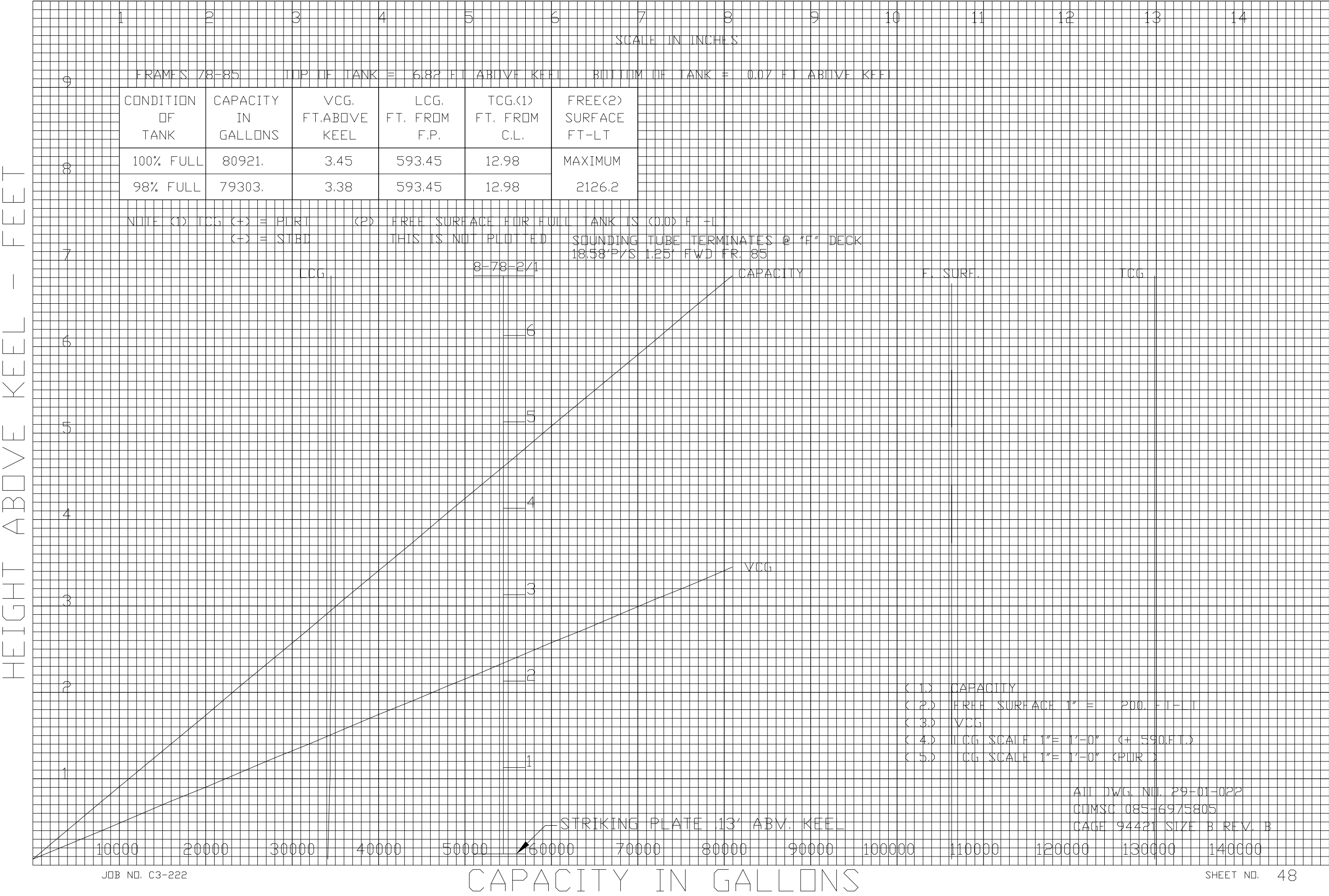
STRIKING PLATE 30' ABV. KEEL

STRIKING PLATE 32' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 530.FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 4B P OR S 8-78-2/1



TANK: FUEL OIL TANK NO 6A P OR S 8-99-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

55 FRAMES 99-103 TOP OF TANK = 31.57 FT ABOVE KEEL BOTTOM OF TANK = 11.05 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	75747.	23.19	771.75	16.07	MAXIMUM
98% FULL	74232.	23.02	771.74	16.07	705.8

NOTE <1> TCG <-> = PORT <-> = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED

45

40

35

30

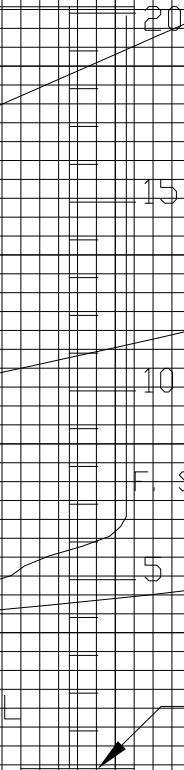
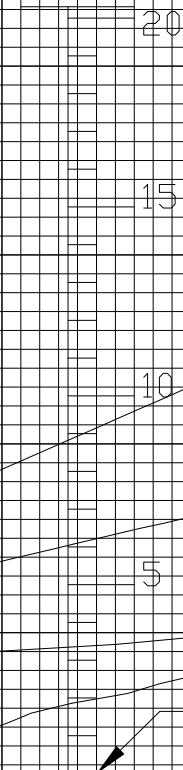
25

20

15

SOUNDING TUBE TERMINATES @ "C" DECK
14.58' PORT .42' AFT FR. 99
8-99-2

SOUNDING TUBE TERMINATES @ "D" DECK
14.58' PORT .42' AFT FR. 99
8-99-1



LCG

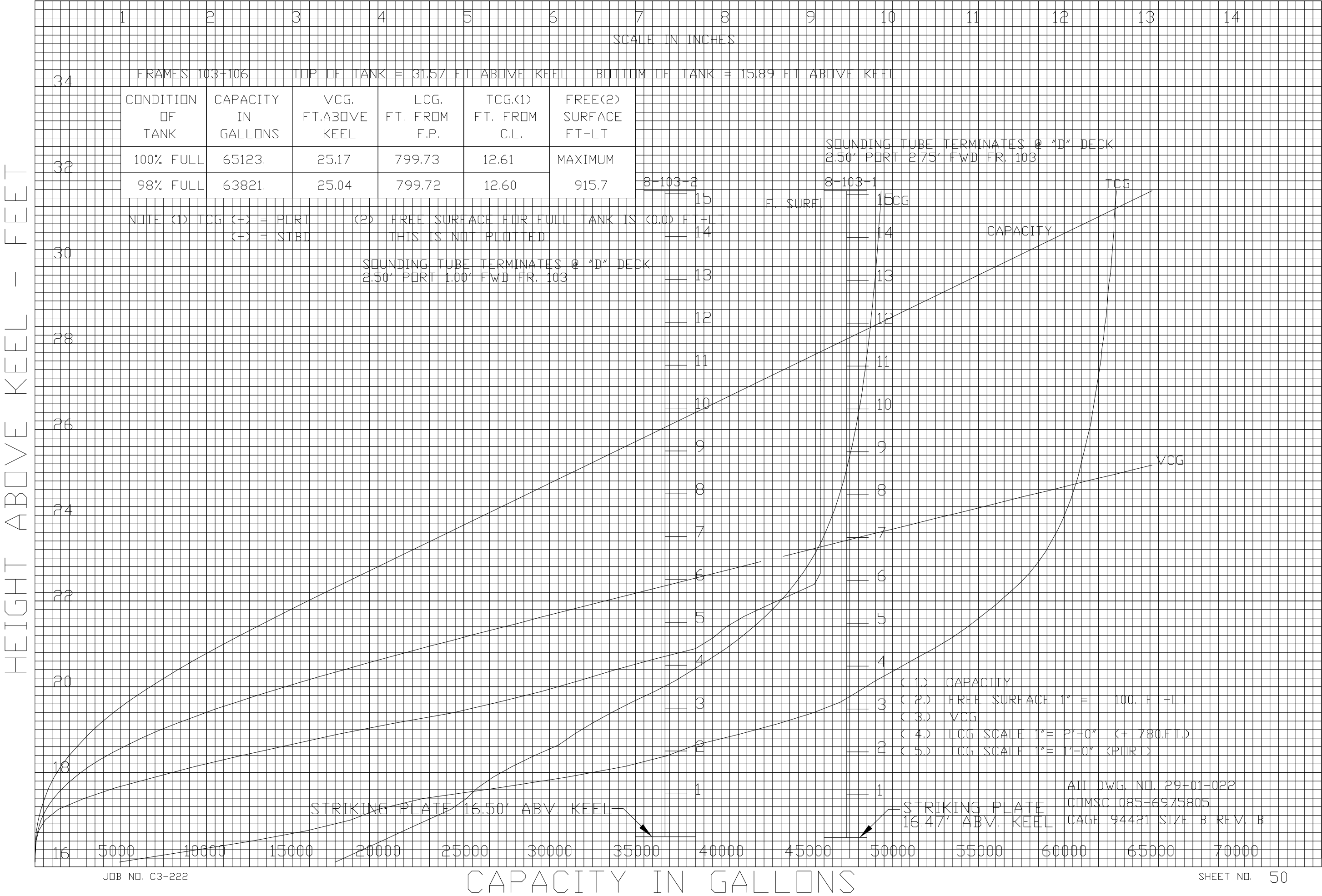
- < 1> CAPACITY
- < 2> FREE SURFACE 1" = 100. FT-LT
- < 3> VCG
- < 4> LCG SCALE 1"= 2'-0" (+ 750.FTL)
- < 5> TCG SCALE 1"= 2'-0" (PORT)

STRIKING PLATE 11.27' ABV. KEEL

STRIKING PLATE 11.40' ABV. KEEL

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 6B P OR S 8-103-2/1



TANK: FUEL OIL TANK NO 6C P OR S 8-106-2/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

38

FRAMES 106-109

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 20.02 FT ABOVE KEEL

36

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	57393.	27.68	826.00	17.33	MAXIMUM
98% FULL	56245.	27.61	825.97	17.25	4225.2

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

34

SOUNDING TUBE TERMINATES @ "D" DECK
50' P/S 5.00' AFT FR. 104

32

8-106-2/1
11

30

F. SURF.

CAPACITY

28

TCG

CG

VCG

26

24

- (1) CAPACITY
- (2) FREE SURFACE 1" = 500. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 810.F.L.)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

5000

10000

15000

20000

25000

30000

35000

40000

45000

50000

55000

60000

65000

70000

JOB NO. C3-222

CAPACITY IN GALLONS

SHEET NO. 51

TANK: SSDG FUEL OIL SERVICE TANK 6.5-99-1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

34

FRAMES 99-101

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 25.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	12010.	28.32	760.00	-7.00	MAXIMUM
98% FULL	11770.	28.26	760.00	-7.00	95.3

SOUNDING TUBE TERMINATES @ "D" DECK 7.29' STBD 75' AFT FR. 99

33

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

32

LCG

SOUNDING TUBE

TCG

F. SURF.

CAPACITY

31

6

30

5

29

4

28

3

27

2

26

1

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (+ 760.FT.)
- (5) TCG SCALE 1"= 1'-0" (STBD)

STRIKING PLATE 25.20' ABV. KEEL

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE 3 REV. B

TANK: FUEL OIL SETTLING TANK 8-99-0

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

55

FRAMES 99-102

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 10.39 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	76446.	20.97	762.21	1.10	MAXIMUM
98% FULL	74917.	20.76	762.17	1.03	953.2

SOUNDING TUBE TERMINATES @ "D" DECK 2.75' PORT 4.00' AFT FR. 99

50

NOTE <1> TCG (-) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

45

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35

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15

SOUNDING TUBE

20

15

10

5

F. SURF.

CAPACITY

LCG

VCG

STRIKING PLATE 11.18' ABV. KEEL

- < 1> CAPACITY
- < 2> FREE SURFACE 1" = 100 FT-LT
- < 3> VCG
- < 4> LCG SCALE 1"= 1'-0" (+ /50.F.T.)
- < 5> TCG SCALE 1"= 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL SERVICE TANK P 6.5-85-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

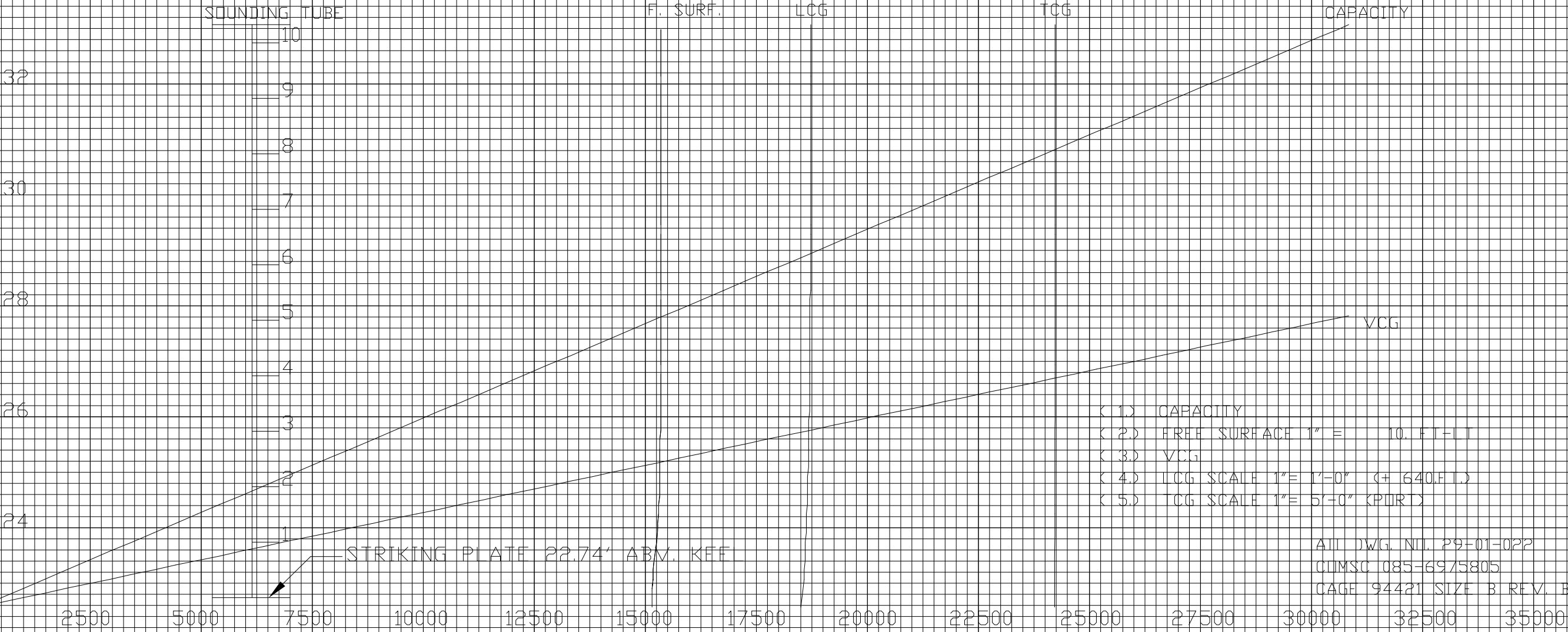
SCALE IN INCHES

40 FRAMES 85-90 TOP OF TANK = 33.07 FT ABOVE KEEL BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	30837.	27.82	647.49	48.45	MAXIMUM
98% FULL	30221.	27.72	647.49	48.45	61.4

SOUNDING TUBE TERMINATES @ 'C" DECK 51.17' PORT 100' FWD FR. 88

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

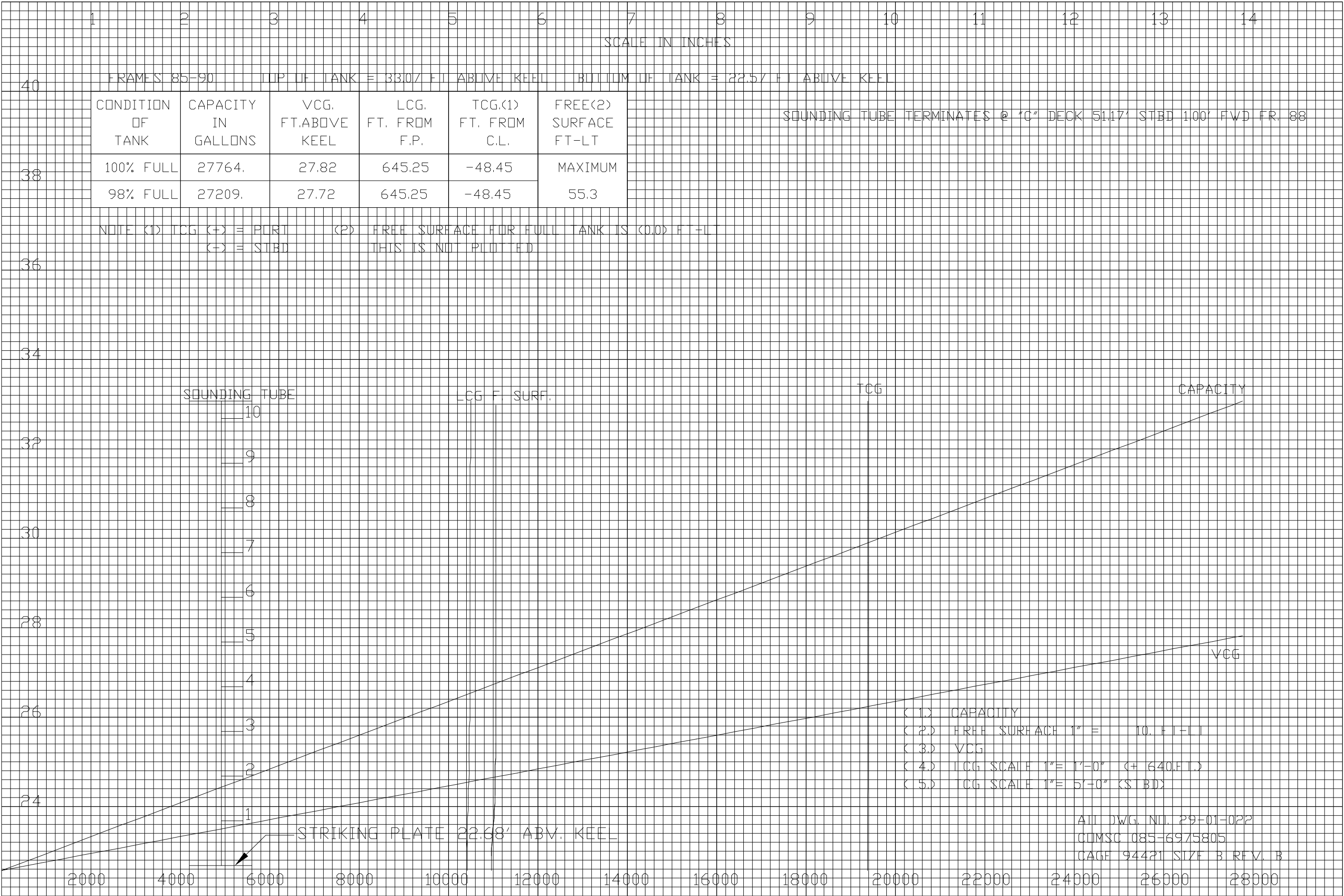


(1) CAPACITY
(2) FREE SURFACE 1" = 10. FT-LT
(3) VCG
(4) LCG SCALE 1" = 1'-0" (+ 640.FT.)
(5) TCG SCALE 1" = 5'-0" (PORT)

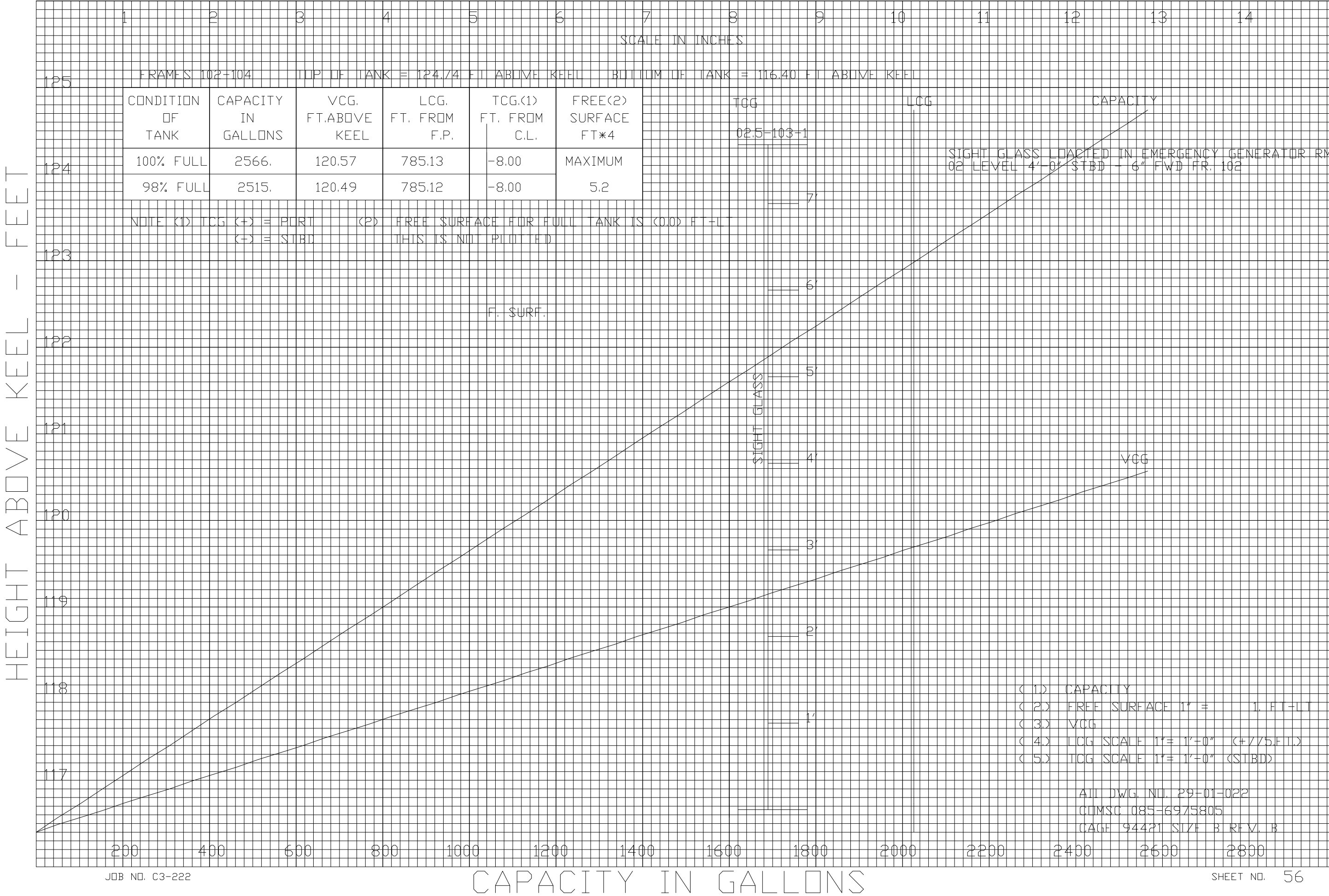
ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL SERVICE TANK S 6.5-85-1

HEIGHT ABOVE KEEL - FEET



TANK: EM GEN FO SERVICE TANK 02.5-103-1



TANK: ME/SSDG LD STORAGE TANK P 6.5-91-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

40

FRAMES 91-93

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT*4
100% FULL	15237.	27.86	685.72	48.40	MAXIMUM
98% FULL	14933.	27.76	685.72	48.40	33.2

SOUNDING TUBE TERMINATES @ 'C' DECK 48.17' PORT 3.75' AFT FR. 92

38

NOTE <1> TCG (+) = PORT (-) = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-IT THIS IS NOT PLOTTED

36

34

SOUNDING TUBE

F. SURF

LCG

CAPACITY

TCG

10

9

8

7

6

5

4

3

2

1

32

30

28

26

24

STRIKING PLATE 22.78' ABV KEEL

- < 1> CAPACITY
- < 2> FREE SURFACE 1" = 10. FT-IT
- < 3> VCG
- < 4> LCG SCALE 1"= 1'-0" (+680.FT.)
- < 5> TCG SCALE 1"= 5'-0" (PORT)

ALL DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

JOB NO. C3-222

TAPE NO.

CAPACITY IN GALLONS

SHEET NO. 57

TANK: ME/SSDG LO STORAGE TANK S 6.5-90-1

HEIGHT ABOVE KEEL - FEET

1

2

3

4

5

6

7

8

9

10

11

12

13

14

SCALE IN INCHES

40

FRAMES 90-94

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT. ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	27389.	27.87	685.64	-48.39	MAXIMUM
98% FULL	26852.	27.77	685.63	-48.39	59.9

SOUNDING TUBE TERMINATES @ 33' FLAT 50.58' STBD 1.5' AFT FR. 93

38

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

36

34

32

30

28

26

24

SOUNDING TUBE

10

9

8

7

6

5

4

3

2

1

STRIKING PLATE 22.71' ABV KEEL

LCG

FT. SURF.

TCG

CAPACITY

VCG

- (1) CAPACITY
(2) FREE SURFACE 1" = 10. FT-LT
(3) VCG
(4) LCG SCALE 1"= 1'-0" (+ 680. FT.)
(5) TCG SCALE 1"= 5'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: ME/SSDG LO SETTLING TANK P 6.5-93-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

40 FRAMES 93-94 TOP OF TANK = 33.07 FT ABOVE KEEL BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	5990.	27.92	701.49	48.33	MAXIMUM
98% FULL	5870.	27.81	701.49	48.33	13.3

SOUNDING TUBE TERMINATES @ 'C' DECK 48.75' PORT 3.00' AFT FR. 93

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLUMBED

LCG

SOUNDING TUBE

TCG

CAPACITY

F. SURF.

VCG

STRIKING PLATE 22.79' ABV KEEL

(1) CAPACITY
(2) FREE SURFACE 1" = 1. FT-LT
(3) VCG
(4) LCG SCALE 1" = 1'-0" (+ 700 FT.)
(5) TCG SCALE 1" = 5'-0" (PORT)
ALL DWG. NO. 29-01-022
CUMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: CPP LO STORAGE TANK 5-93-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

50

FRAMES 93-94

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

48

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2765.	38.95	701.50	51.12	MAXIMUM
98% FULL	2710.	38.83	701.50	51.12	0.9

SOUNDING TUBE TERMINATES @ 'C' DECK 51.17' PORT 1.50' FWD FR. 94

46

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

LCG

SOUNDING TUBE

TCG

CAPACITY

44

11

10

42

9

40

7

38

5

36

3

34

1

STRIKING PLATE 33.11' ABV KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1' FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 700 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: CPP LO SETTLING TANK 5-95-3

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

42

FRAMES 94-94

TOP OF TANK = 38.07 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	587.	35.57	710.50	-16.00	MAXIMUM
98% FULL	575.	35.52	710.50	-16.00	0.5

SOUNDING TUBE TERMINATES @ 'D' DECK 16.50' STBD 4.75' AFT FR. 94

41

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
(THIS IS NOT PLOTTED)

40

39

F. SURF.
38

SOUNDING TUBE

LCG

TCG

CAPACITY

37

4

36

3

35

2

34

1

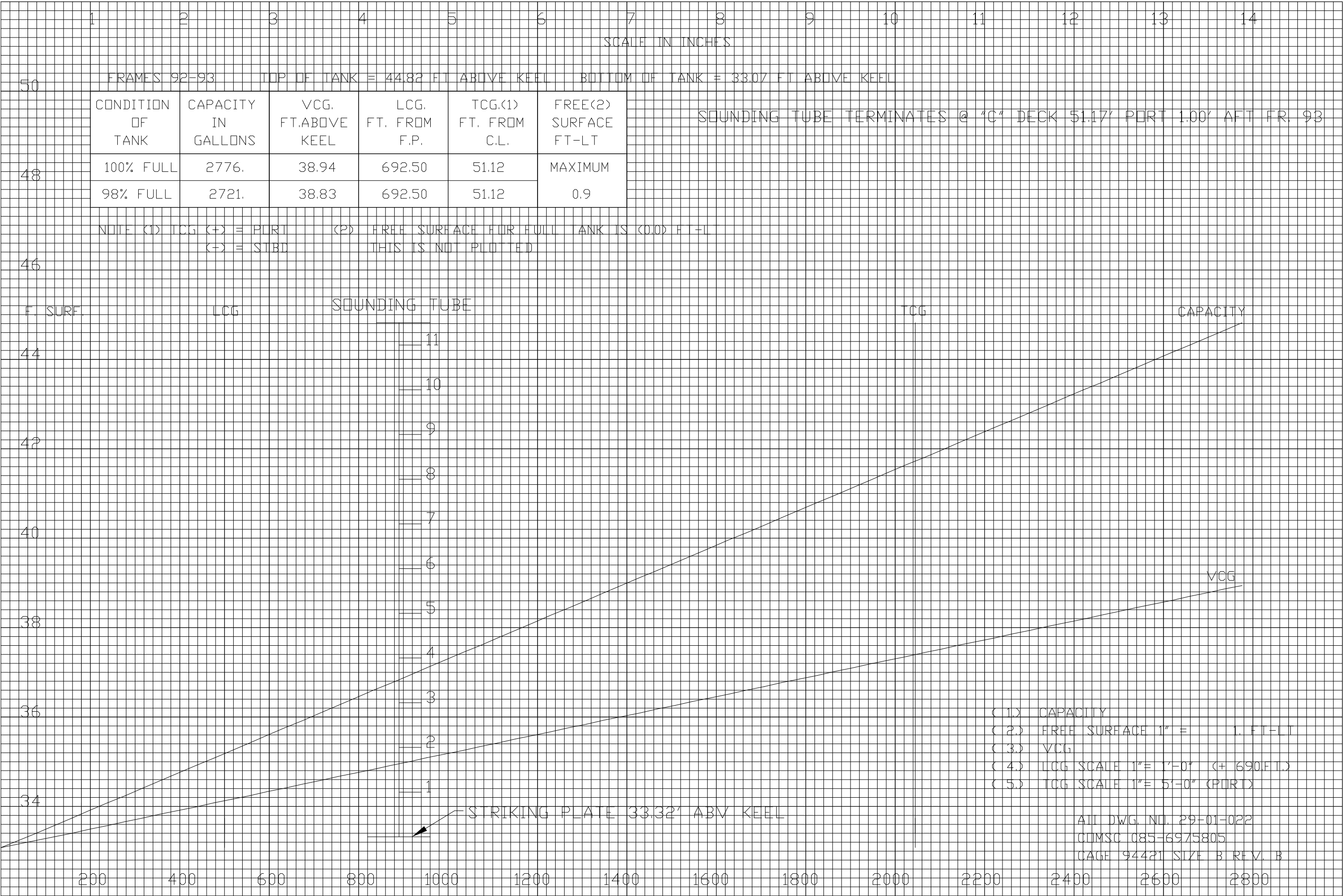
- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (+ 705.FT)
- (5) TCG SCALE 1"= 2'-0" (STBD)

STRIKING PLATE 33.11' ABV KEEL

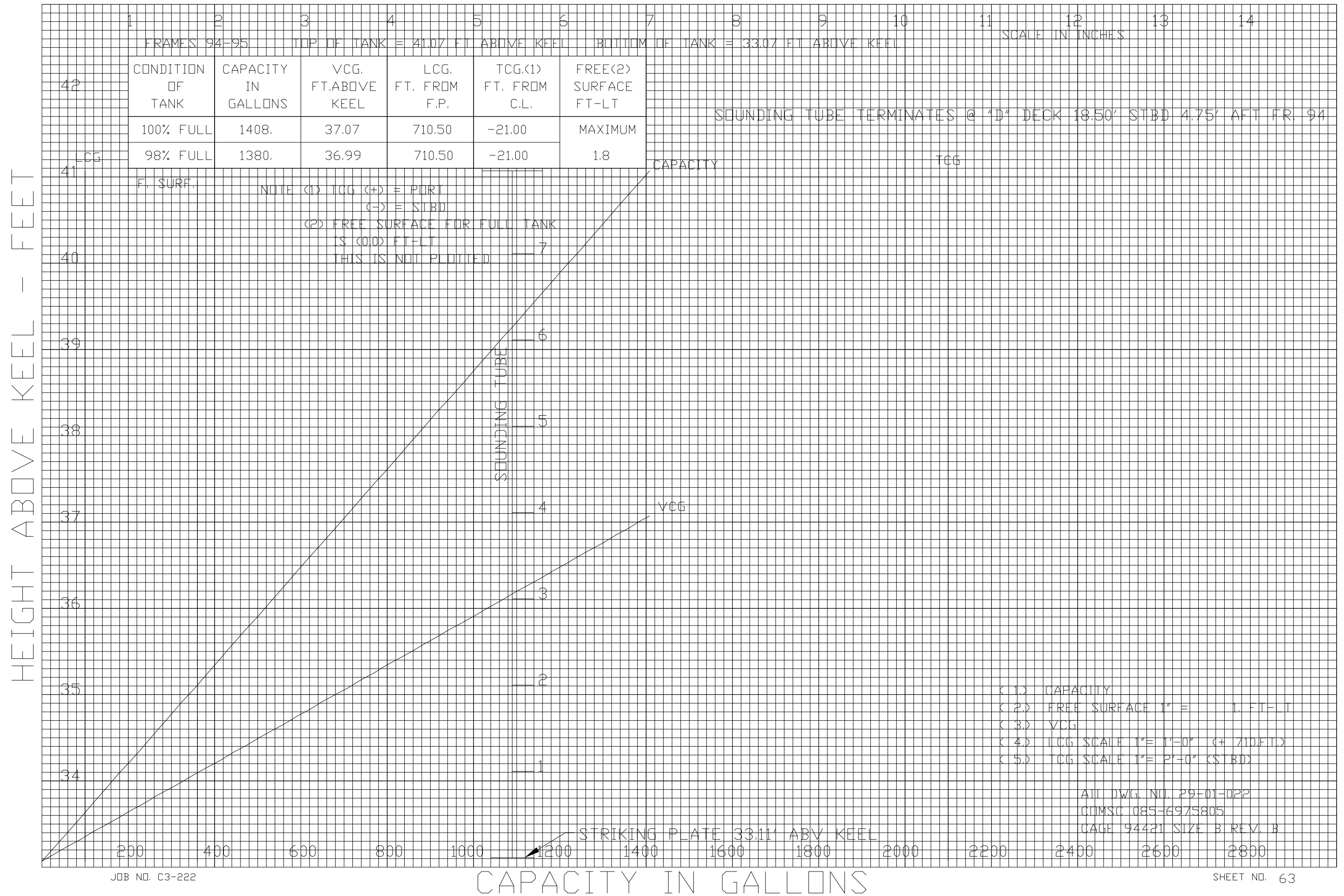
ALL DWG. NO. 29-01-022
CLMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: RG LO STORAGE TANK 5-92-2

HEIGHT ABOVE KEEL - FEET



TANK: RG LO SETTLING TANK 5-95-5



TANK: ME LO SUMP TANK P OR S 7.5-86-4/1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 86-90 TOP OF TANK = 10.81 FT ABOVE KEEL BOTTOM OF TANK = 3.93 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	5664.	8.20	643.44	11.00	MAXIMUM
98% FULL	5551.	8.14	643.36	11.00	11.9

7.5-86-1 SOUNDING TUBE TERMINATES @ ENG. RM. 8.75' STBD 67' AFT FR 86
7.5-86-4 SOUNDING TUBE TERMINATES @ ENG. RM. 13.25' PORT 67' AFT FR 86

NOTE <1> TCG <-> = PORT <-> = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT
THIS IS NOT PLOTTED

7.5-86-1/4

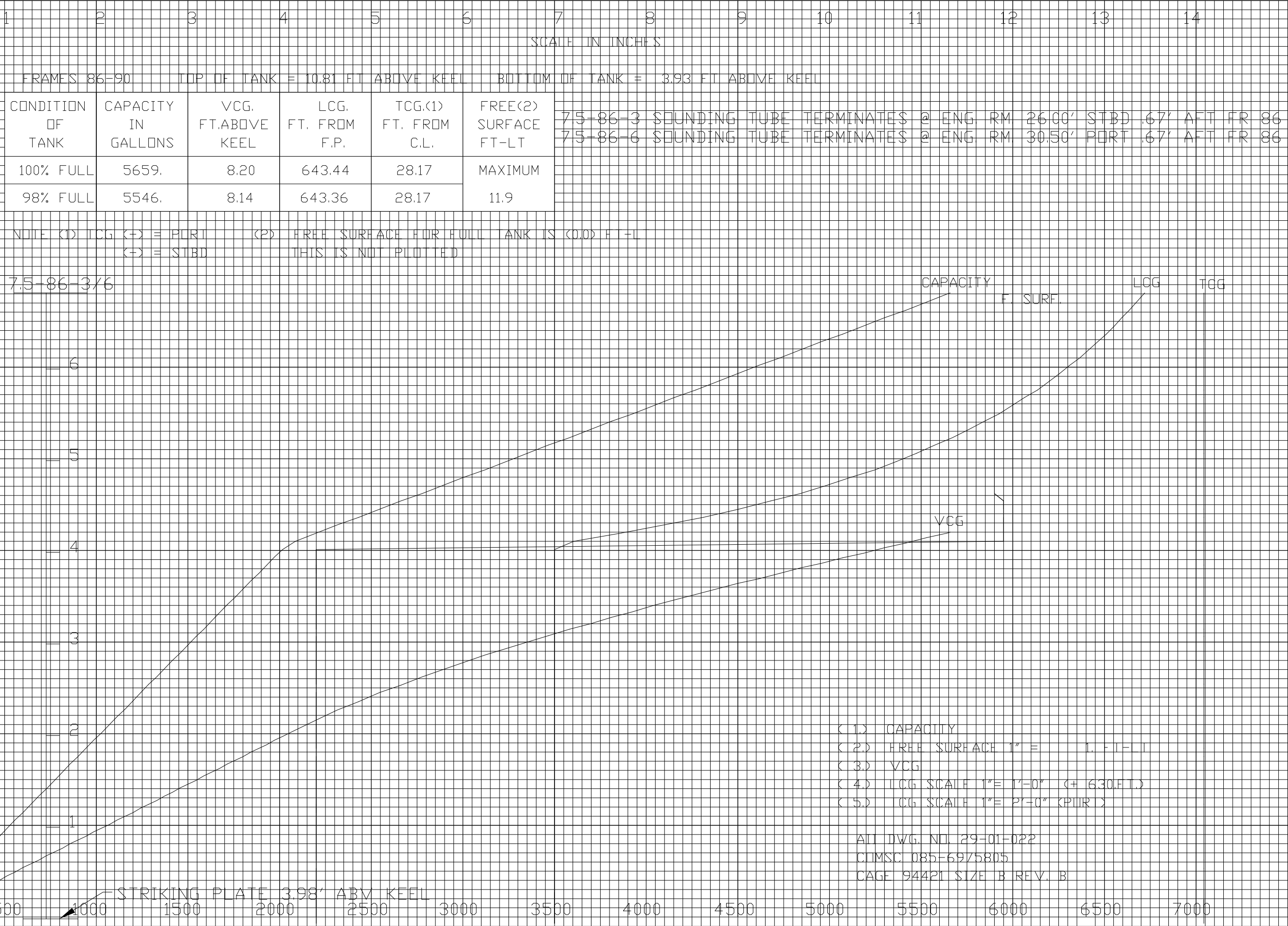


- < 1. > CAPACITY
- < 2. > FREE SURFACE 1" = 1. FT-LT
- < 3. > VCG
- < 4. > LCG SCALE 1"= 1'-0" (+ 630.F.L.)
- < 5. > TCG SCALE 1"= 1'-0" (POR)

ALL DWG. NO. 29-01-022
CUMSC 085-6975805
CAGE 94421 SIZE B REV. B

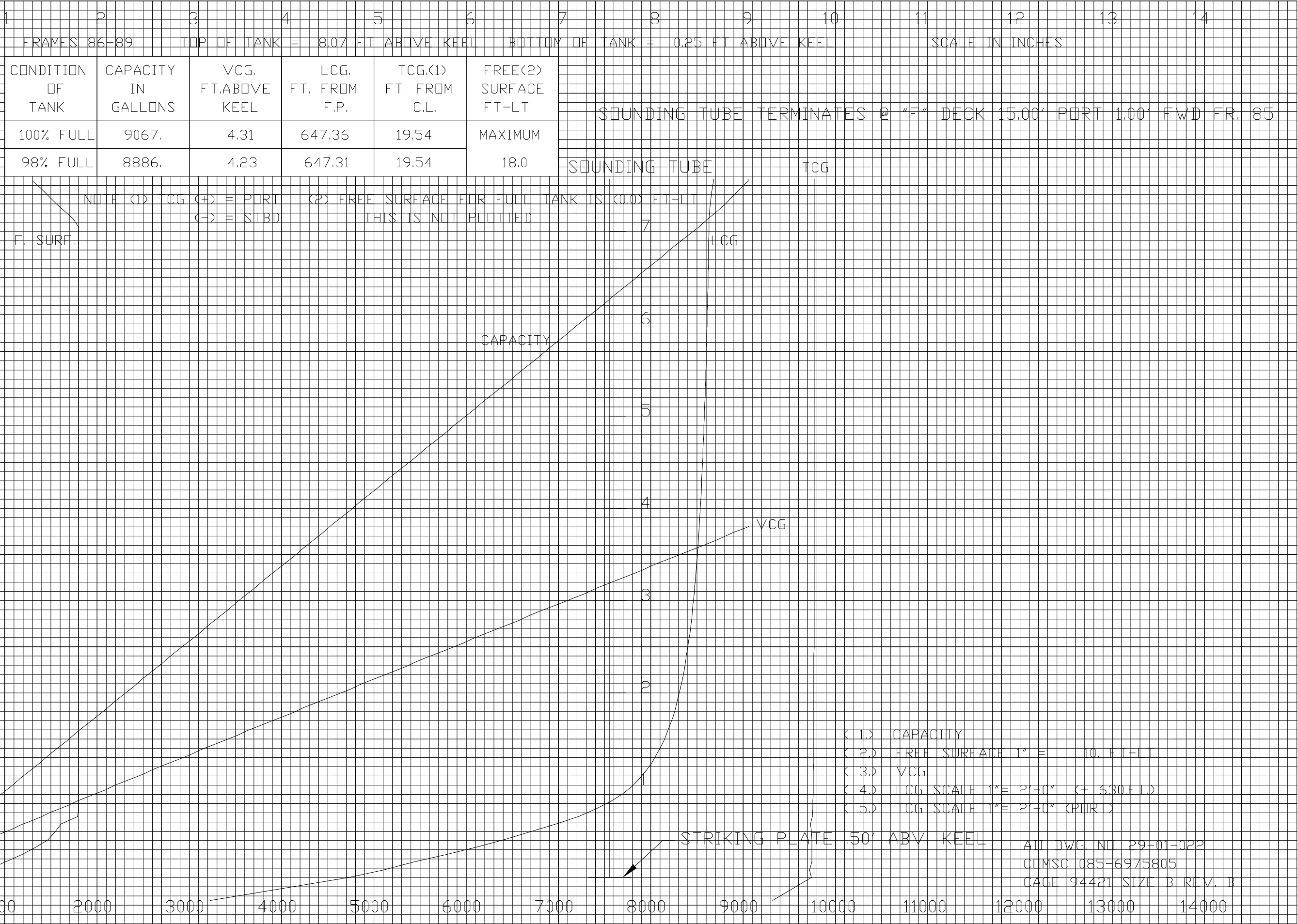
TANK: ME LO SUMP TANK P OR S 7.5-86-6/3

HEIGHT ABOVE KEEL - FEET

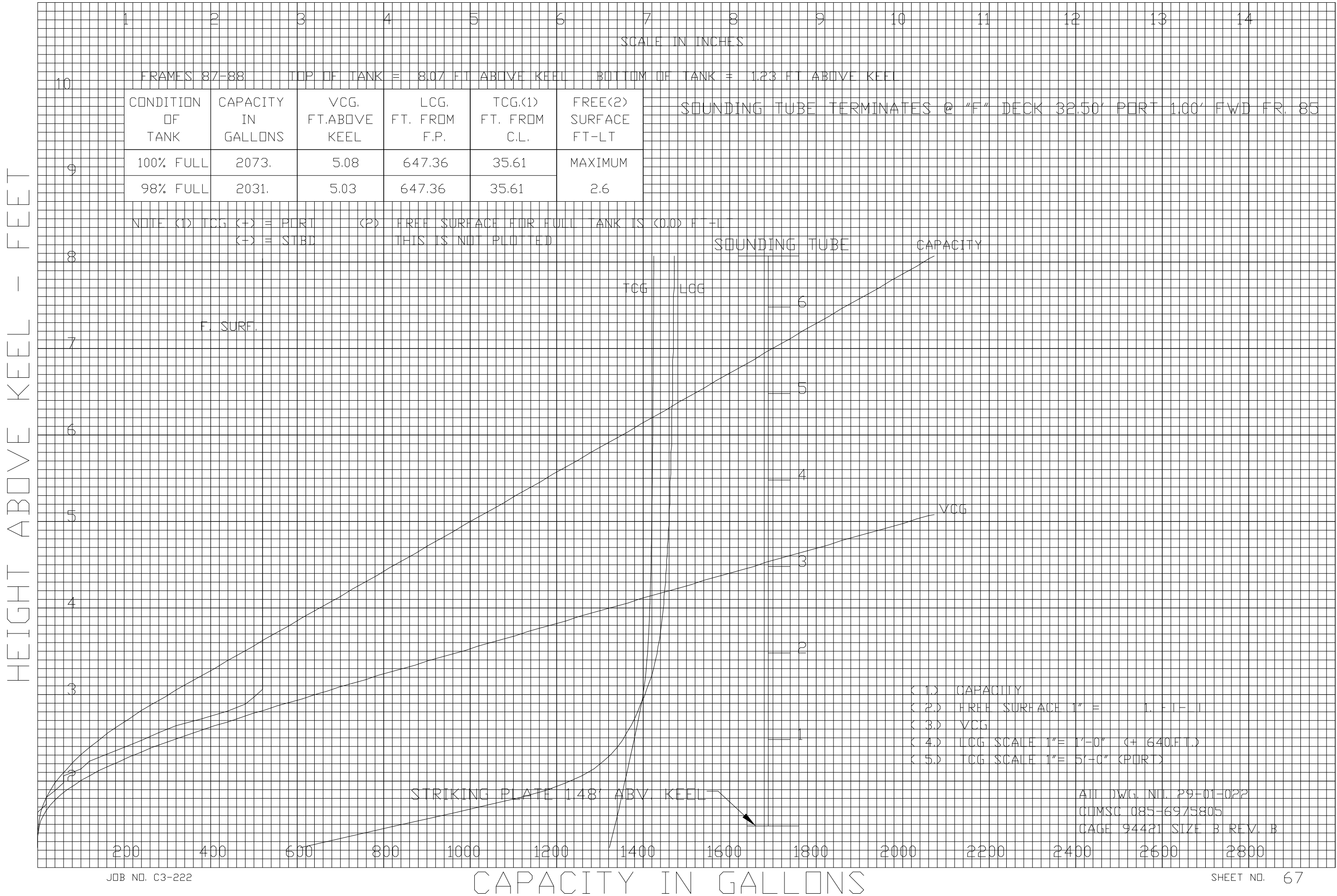


TANK: CSA WASTE OIL TANK 8-87-2

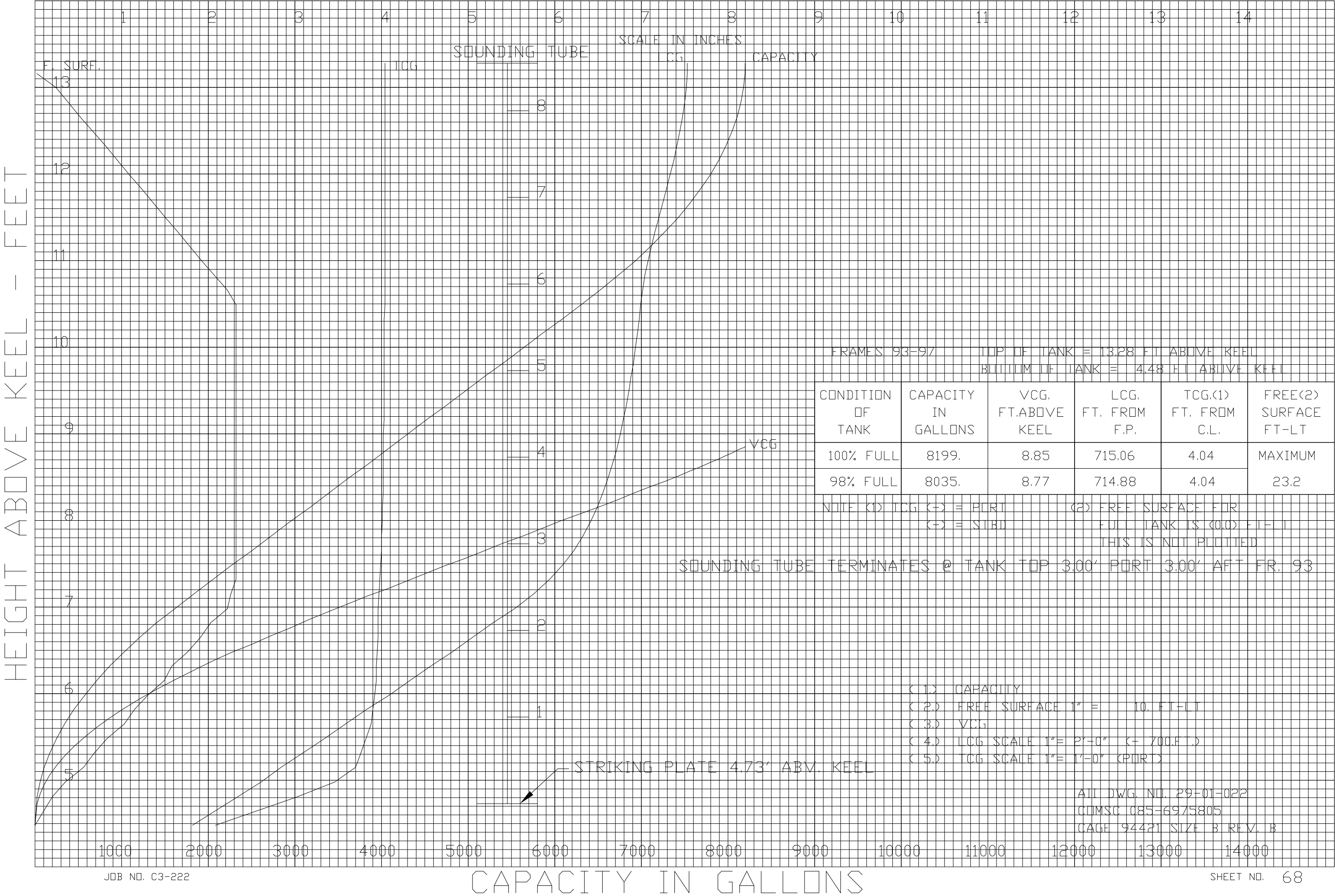
HEIGHT ABOVE KEEL - FEET



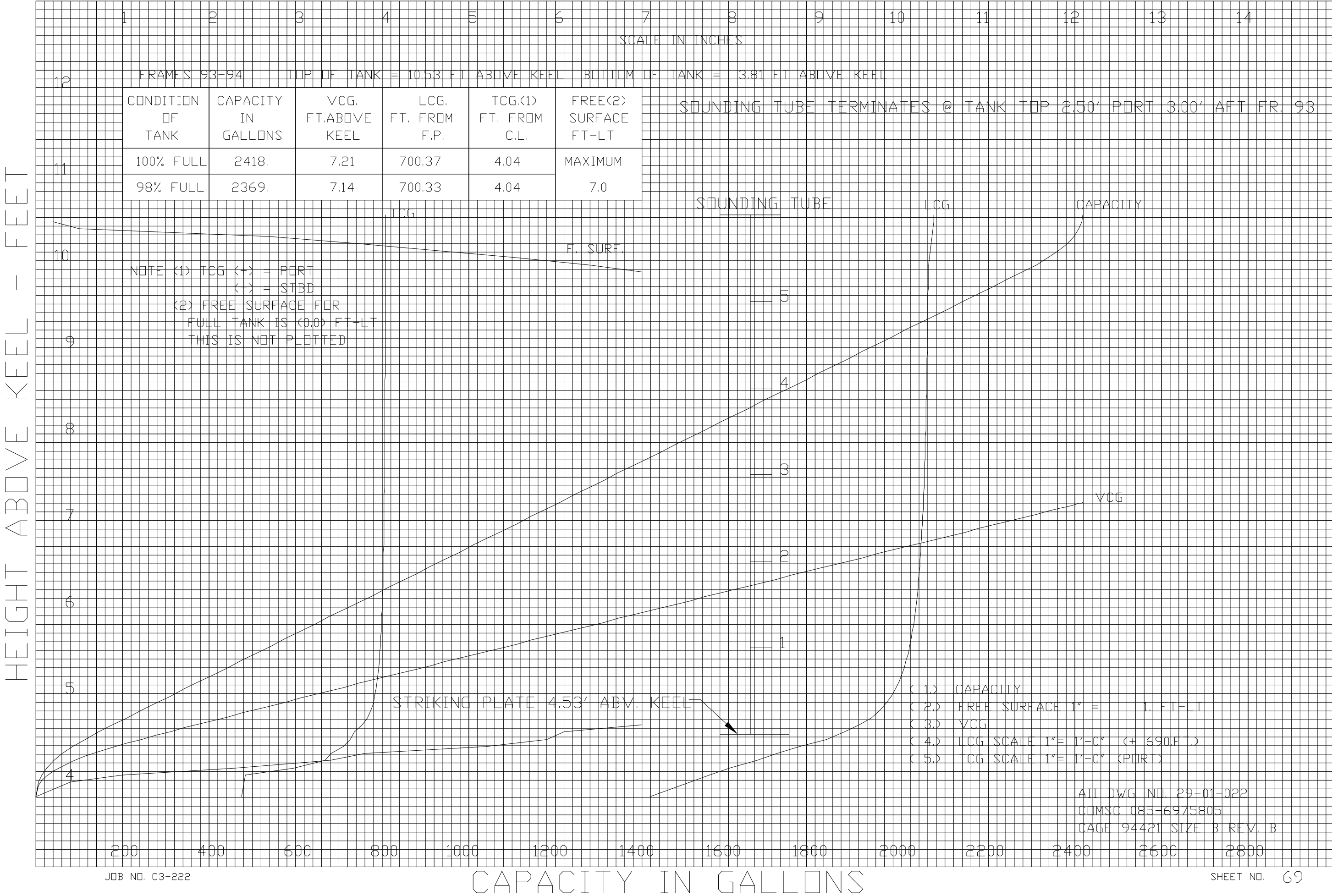
TANK: CSA OILY WASTE HOLDING TANK 8-87-4



TANK: ENGINE ROOM WASTE OIL TANK 8-94-2



TANK: ENGINE ROOM OILY WASTE HOLDING TANK 8-93-2



TANK: OILY WASTE DRAIN COLLECTING TANK 7.5-86-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

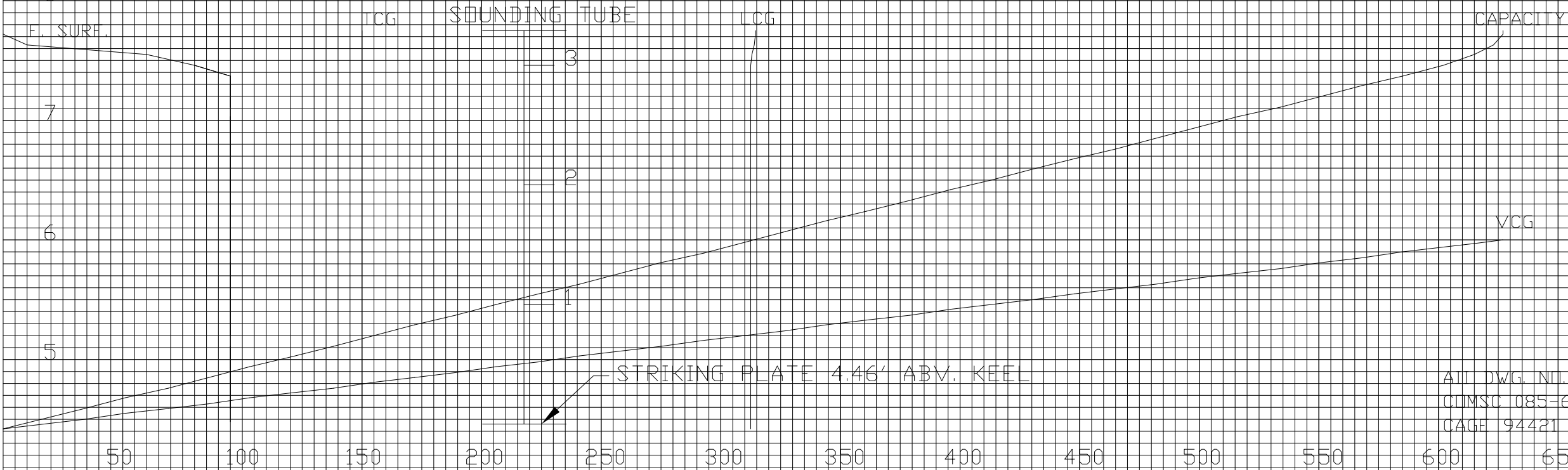
FRAMES 86-87 TOP OF TANK = 7.75 FT ABOVE KEEL BOTTOM OF TANK = 4.42 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG<1> FT. FROM C.L.	FREE<2> SURFACE FT-LT
100% FULL	627.	6.00	636.29	3.00	MAXIMUM
98% FULL	615.	5.97	636.26	3.00	1.9

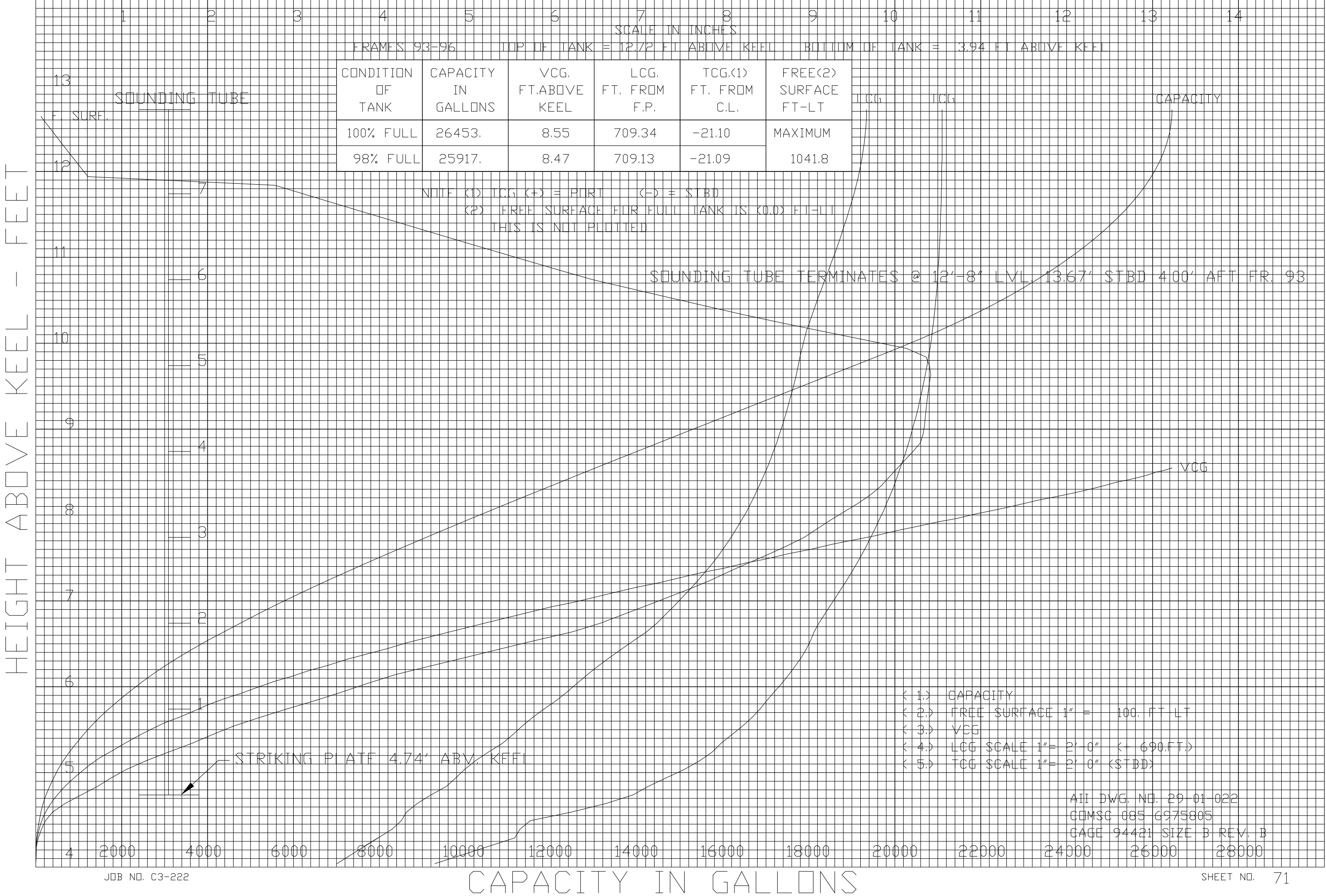
SOUNDING TUBE TERMINATES @ TANK TOP 3.75' PORT .33' AFT FR. 86

NOTE <1> TCG <+> = PORT <-> = STBD <2> FREE SURFACE FOR FULL TANK IS <0.0> FT-LT THIS IS NOT PLOTTED

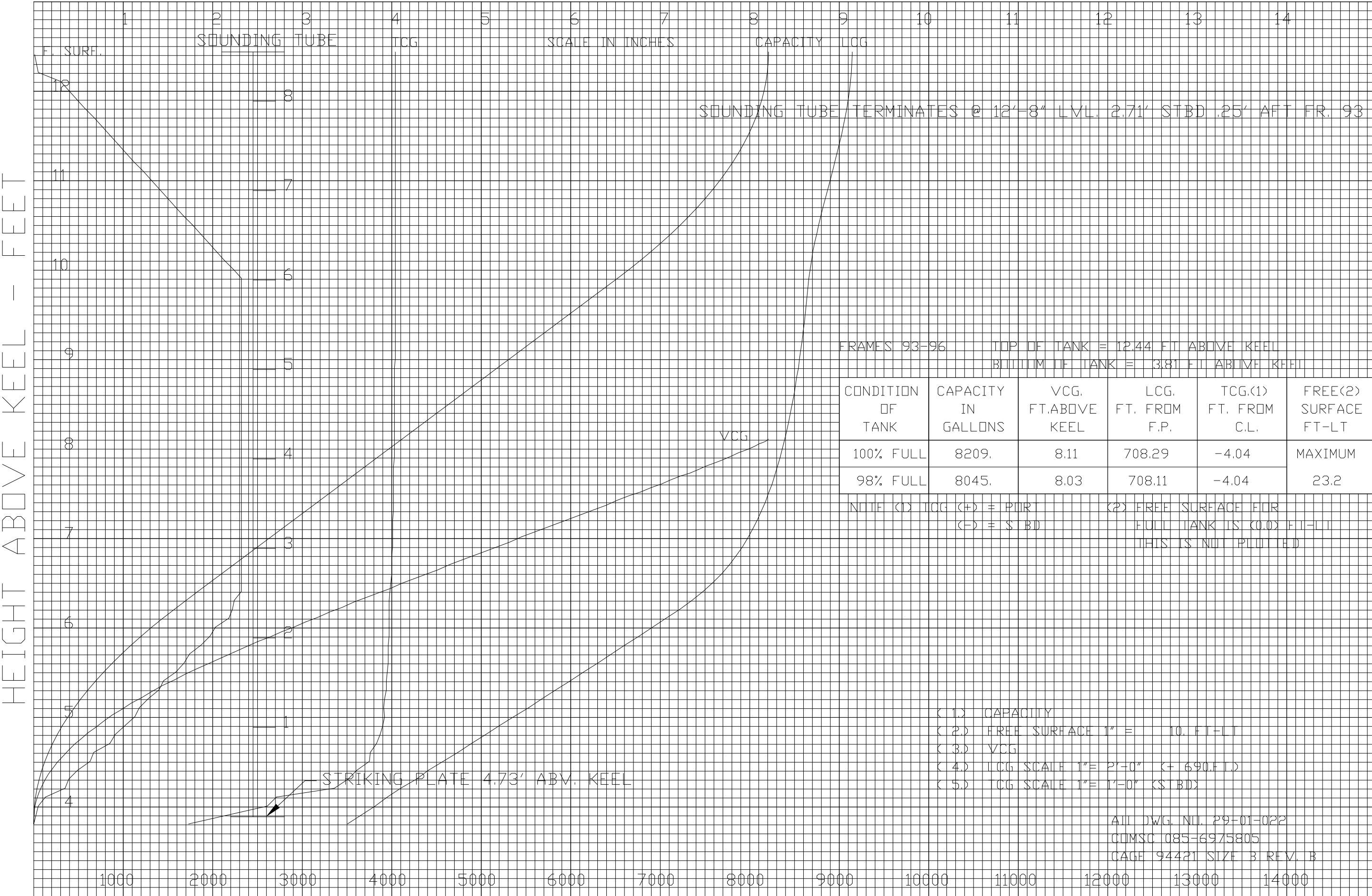
- < 1.> CAPACITY
- < 2.> FREE SURFACE 1" = 1. FT-LT
- < 3.> VCG
- < 4.> LCG SCALE 1"= 1'-0" (<+ 630;FT.>)
- < 5.> TCG SCALE 1"= 1'-0" <PORT>



TANK: USED OIL TANK 8-93-3

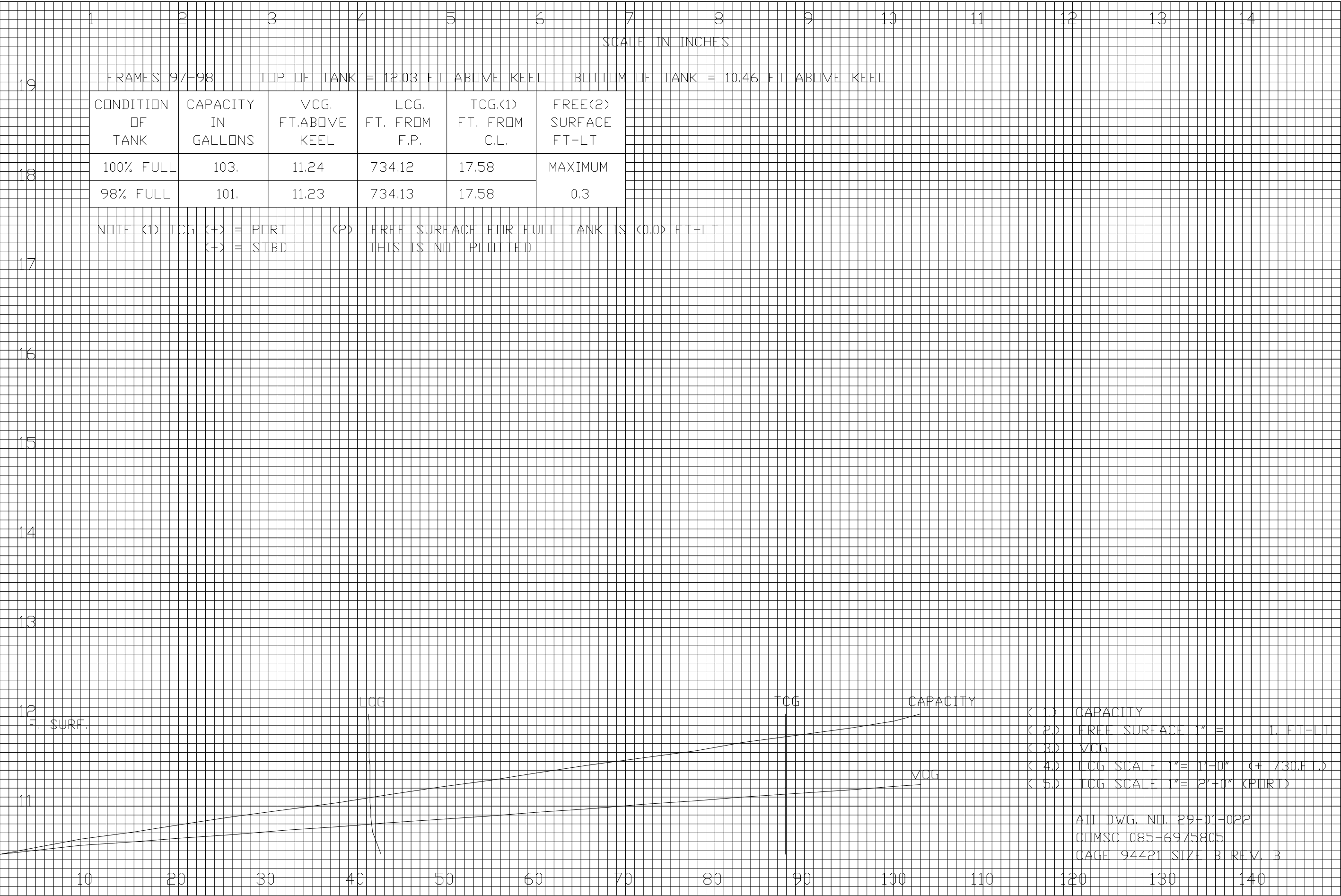


TANK: FUEL OIL OVERFLOW TANK 8-93-1



TANK: STERN TUBE LO DRAIN TANK P OR S 7.5-97-2/1

HEIGHT ABOVE KEEL - FEET



TANK: VCHT TANK 2.5-91-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

80 FRAMES 91-92 TOP OF TANK = 72.07 FT ABOVE KEEL BOTTOM OF TANK = 62.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2352.	67.35	681.01	45.17	MAXIMUM
					5.5

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
(-) = STBD THIS IS NOT PLOTTED

78

74

72

70

68

66

64

TCG

F. SURF.

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) TCG SCALE 1"= 1'-0" (+ 680.FT.)
- (5) CG SCALE 1"= 5'-0" (PORT)

ALL DWG. NO. 29-01-022
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CAGE 94421 SIZE B REV. B

TANK: WASTE WATER TANK 2.5-94-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 93-95

TOP OF TANK = 77.74 FT ABOVE KEEL

BOTTOM OF TANK = 63.28 FT ABOVE KEEL

80	CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
	100% FULL	11707.	70.48	708.05	44.24	MAXIMUM
						10.9

SOUNDING TUBE TERMINATES @ "AB" DECK 44.50' PORT 1.50' AFT FR. 94

78

76

74

72

70

68

66

64

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT+1 THIS IS NOT PLOTTED

LCG TCG SOUNDING TUBE CAPACITY

14

13

12

11

10

9

8

7

6

5

4

3

2

1

F. SURF.

VCG

STRIKING PLATE 63.44' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT = 1
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (+ 700 FT.)
- (5) CG SCALE 1"= 5'-0" (PORT)

ATT DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

1000

2000

3000

4000

5000

6000

7000

8000

9000

10000

11000

12000

13000

14000

TANK: FIXED BALLAST TANK 8-57-0

HEIGHT ABOVE KEEL - FEET

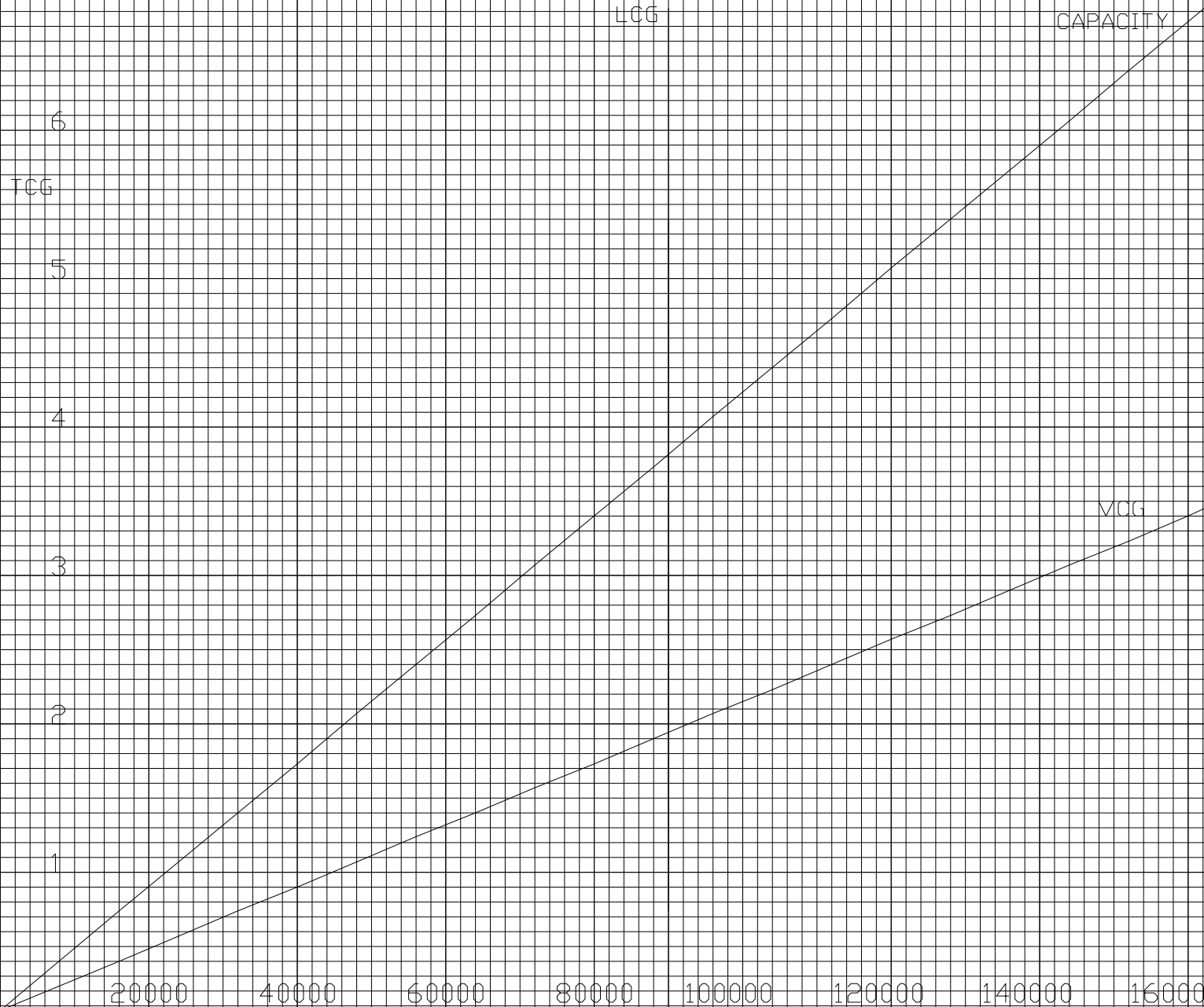
1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

9 FRAMES 57-64 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT.ABOVE KEEL	LCG, FT. FROM F.P.	TCG,(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	162126.	3.45	404.50	0.00	N/A

NOTE (1) SYMMETRICAL TANK
TCG = 0 AT ALL LEVELS



- (1) CAPACITY
- (2) FREE SURFACE : NOT APPLICABLE
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (+ 400.FT.)

ALL DWG. NO. 29-01-022
QUMSC 085-6975805
PAGE 94421 SIZE B REV. B